Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure ES Date: 1.4.20

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: EATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AAS -0104-01	HIGH VOL W TEST WEST TO ROOM 211.	3-A	1023AM	123PM	180	10.02	10.02	1804	6944622	
AAS -0104-02	HIGH VOL W TEST WEST TO ROOM 211.	3-A	1023AM	123PM	180	10.02	10.02	1804	6944623	
AAS -0104-03	HIGH VOL W TEST WEST TO ROOM 211.	3-A	1023AM	123PM	180	10.02	10.02	1804	6944624	
AAS -0104-04	HIGH VOL W TEST WEST TO ROOM 211.	3-A	1024AM	124PM	180	10.02	10.02	1804	6944625	
AAS -0104-05	HIGH VOL W TEST WEST TO ROOM 211.	3-A	1024AM	124PM	180	10.02	10.02	1804	6944626	
AAS -0104-06	FIELD BLANK	✓	✓	✓	✓	✓	✓	✓	6944627	
AAS -0104-07	FIELD BLANK	✓	✓	✓	✓	✓	✓	✓	6944628	
AAS -0104-08	SEALED BLANK	✓	✓	✓	✓	✓	✓	✓	6944629	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at ____

Samples Collected By: [signature] JAN - 4 2020 Date: 1.4.20

Transmitted to Lab By: [signature] Date: 1.4.20

Received in Lab By: ____ Date: ____

Samples Analyzed By: JS 1/5/20 EATL - By DG Date: ____

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Project: McGuire ES Date: 1-4-20

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: EMSL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEOMEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AMS-0104-09	HIGH VOL IN HALL By GIRLS BATHROOM.	3-N	1025 AM	125 PM	180	10.02	10.02	1804	6944630	
AMS-0104-10	HIGH VOL IN HALL By Room 201.	3-N	1025 AM	125 PM	180	10.02	10.02	1804	6944631	
AMS-0104-11	HIGH VOL IN HALL By Room 208	3-N	1025 AM	125 PM	180	10.02	10.02	1804	6944632	
AMS-0104-12	HIGH VOL IN HALL By Room 208	3-N	1026 AM	126 PM	180	10.02	10.02	1804	6944633	
AMS-0104-13	HIGH VOL IN HALL By Room 210.	3-N	1026 AM	126 PM	180	10.02	10.02	1804	6944634	
/ - / - /	/ /	/	/	/	/	/	/	/	~~6944635~~	
AMS-0104-14	HIGH VOL IN Room 210.	3-N	1154 AM	254 PM	180	10.02	10.02	1804	6944635	
AMS-0104-15	HIGH VOL IN Room 210.	3-N	1154 AM	254 PM	180	10.02	10.02	1804	6944636	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-4-20

Transmitted to Lab By: [signature] Date: 1-4-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607168
	228 Moore Street	Project:	McClure
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/4/2020	Time:	
Samples Rec'd at Laboratory:	D. Gutierrez	Date:	1/4/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0104-01	6944622	1804	None Detected	< 19.2	< 0.0041
BRB-0104-02	6944623	1804	None Detected	< 19.2	< 0.0041
BRB-0104-03	6944624	1804	None Detected	< 19.2	< 0.0041
BRB-0104-04	6944625	1804	None Detected	< 19.2	< 0.0041
BRB-0104-05	6944626	1804	None Detected	< 19.2	< 0.0041
BRB-0104-09	6944630	1804	None Detected	< 19.2	< 0.0041
BRB-0104-10	6944631	1804	None Detected	< 19.2	< 0.0041
BRB-0104-11	6944632	1804	None Detected	< 19.2	< 0.0041
BRB-0104-12	6944633	1804	None Detected	< 19.2	< 0.0041
BRB-0104-13	6944634	1804	None Detected	< 19.2	< 0.0041
BRB-0104-14	6944635	1804	None Detected	< 19.2	< 0.0041
BRB-0104-15	6944636	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1834

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607170
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:	XY	E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	SG	Date:	1/4/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
ATS-1-4-1	6944647	1800	None Detected	< 19.2	< 0.0041
2	6944648	1800	None Detected	< 19.2	< 0.0041
3	6944649	1800	None Detected	< 19.2	< 0.0041
4	6944650	1800	None Detected	< 19.2	< 0.0041
5	6944651	1800	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1830

Instrument (I, II, III **II**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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Project: Mcclure Elementary Date: 1-4-20

Project Number: 010-4541 Rotometer No.: HVR 1 LVR ___

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

Do not analyze 6-13

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS-01-04-01	2nd Floor main Hall across From 204	3A	3:38 PM	6:38 PM	180	10	10	1800	6944647	
ATS-01-04-02	2nd Floor main Hall across From 203	3A	3:38 PM	6:38 PM	180	10	10	1800	6944648	
ATS-01-04-03	2nd Floor main Hall IN Front of office	3A	3:38 PM	6:38 PM	180	10	10	1800	6944649	
ATS-01-04-04	2nd Floor main Hall IN Front of 202	3A	3:38 PM	6:38	180	10	10	1800	6944650	
ATS-01-04-05	2nd Floor main Hall IN Front of decon.	3A	3:38 PM	6:38	180	10	10	1800	6944651	
ATS-01-04-06	Outside 2nd Floor main Hall Bathroom sw#3	3A	3:44 PM	6:44	~~1800~~ 180	10	10	1800	~~6944652~~	
ATS-01-04-07	Outside 2nd FLR main Hall near 204	3A	3:44 PM	6:44	~~1800~~ 180	10	10	1800	6944653	
ATS-01-04-08	Outside 2nd FLR main Hall near 203	3A	3:44 PM	6:44	~~1800~~ 180	10	10	1800	~~6944654~~	

DO NOT ANALYZE

RECEIVED JAN - 6 2020 IATL - BY

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ___

6 Hour TAT Contact: ___ at: ___

Samples Collected By: [signature] Date: 1-4-20

Transmitted to Lab By: [signature] Date: 1-4-20

Received in Lab By: ___ Date: ___

Samples Analyzed By: [signature] Date: 1/5/20

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Project: McClure ELementary Date: 1-4-20

Project Number: 010-4541 Rotometer No.: HVR 1 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☐ YES ☐ NO

Do not analyze 6-13

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS- 01-04-09	outside 2nd FLR main Hall near 202	3A	3:44 PM	6:44 PM	180	10	10	1800	6944655	
ATS- 01-04-10	Outside 2nd FL main Hall near Bathroom	3A	3:44 PM	6:44 PM	180	10	10	1800	6944656	
ATS 01-04-11	QC Blank Field								6944657	
ATS 01-04-12	QC Blank Field								6944658	
ATS- 01-04-13	QC Blank ~~Field~~ Sealed								6944659	
- -										
- -										
- -										

Do not analyze

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: Bernard Bryson at: ____

Samples Collected By: Cecily Lagell Date: 1-4-20

Transmitted to Lab By: Cecily Lagell Date: 1-4-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607171
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		Laboratory Contacts:	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:	xy	E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	SG	Date:	1/4/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0104-16	6944660	1800	None Detected	< 19.2	< 0.0041
017	6944661	1800	None Detected	< 19.2	< 0.0041
18	6944662	1800	None Detected	< 19.2	< 0.0041
19	6944663	1800	None Detected	< 19.2	< 0.0041
20	6944664	1800	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1830

Instrument (I, II, III) **II**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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Project: McGuire E.S. Date: 1.4-20

Project Number: 010-4541 Rotometer No.: HVR____ LVR____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AAA-0104-16	HIGH VOL IN TENT OUTSIDE DOOR 208 IN HAUL.	3-A	1143 PM	4:43 PM	180	10.02	10 ~~1900~~	1800	6944660	
AAA-0104-17	HIGH VOL IN TENT OUTSIDE DOOR 208 IN HAUL.	3-A	143 PM	4:43 PM	180	10.02	10	1800	6944661	
AAA-0104-18	HIGH VOL IN TENT OUTSIDE DOOR 208 IN HAUL	3-A	143 PM	4:43 PM	180	10.02	10	1800	6944662	
AAA-0104-19	HIGH VOL IN TENT OUTSIDE DOOR 208. IN HAUL	3-A	144 PM	4:44 PM	180	10.02	10	1800	6944663	
AAA-0104-20	HIGH VOL IN TENT OUTSIDE DOOR 208. IN HAUL	3-A	144 PM	4:44 PM	180	10.02	10	1800	6944664	
AAA-0104-21	FIELD BLANK	/	/	/	/	/	/	/	6944665	
AAA-0104-22	FIELD BLANK	/	/	/	/	/	/	/	6944666	
AAA-0104-23	SEALED BLANK	/	/	/	/	/	/	/	6944667	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.4.20

Transmitted to Lab By: [signature] RECEIVED JAN -4 2020 Date: 1-4-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] Date: 1/5/20

TAT - By

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McCLURE E.S. Date: 1.4.20

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: ETL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MC -0104 -24	HIGH VOL IN HALL By Door 201.	3-N	1461h	4:46 PM	180	10.02	10	1800	6944668	
MC -0104 -25	HIGH VOL IN HALL By Door 201.	3-N	1461h	4:46 PM	180	10.02	10	1800	6944669	
MC -0104 -26	HIGH VOL IN HALL By GIRLS BATHROOM.	3-N	1461h	4:46 PM	180	10.02	10	1800	6944670	
MC -0104 -27	HIGH VOL IN HALL By Door 208.	3-N	1461h	4:46 PM	180	10.02	10	1800	6944671	
MC -0104 -28	HIGH VOL IN HALL By Door 208.	3-N	1461h	4:46 PM	180	10.02	10	1800	6944672	
- -										
- -										
- -										

DO NOT ANALYZE

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.4.20

Transmitted to Lab By: [signature] Date: 1-4-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

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ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607168
	228 Moore Street	Project:	McClure
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/4/2020	Time:	
Samples Rec'd at Laboratory:	D. Gutierrez	Date:	1/4/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0104-01	6944622	1804	None Detected	< 19.2	< 0.0041
BRB-0104-02	6944623	1804	None Detected	< 19.2	< 0.0041
BRB-0104-03	6944624	1804	None Detected	< 19.2	< 0.0041
BRB-0104-04	6944625	1804	None Detected	< 19.2	< 0.0041
BRB-0104-05	6944626	1804	None Detected	< 19.2	< 0.0041
BRB-0104-09	6944630	1804	None Detected	< 19.2	< 0.0041
BRB-0104-10	6944631	1804	None Detected	< 19.2	< 0.0041
BRB-0104-11	6944632	1804	None Detected	< 19.2	< 0.0041
BRB-0104-12	6944633	1804	None Detected	< 19.2	< 0.0041
BRB-0104-13	6944634	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1834

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607168
	228 Moore Street	Project:	McClure
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/4/2020	Time:	
Samples Rec'd at Laboratory:	D. Gutierrez	Date:	1/4/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0104-14	6944635	1804	None Detected	< 19.2	< 0.0041
BRB-0104-15	6944636	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00393 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1834

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6944622
Client No.: BRB-0104-01
Volume: 1804.0 L
Location: High Volume In Tent Next To Room 211
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944623
Client No.: BRB-0104-02
Volume: 1804.0 L
Location: High Volume In Tent Next To Room 211
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944624
Client No.: BRB-0104-03
Volume: 1804.0 L
Location: High Volume In Tent Next To Room 211
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944625
Client No.: BRB-0104-04
Volume: 1804.0 L
Location: High Volume In Tent Next To Room 211
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944626
Client No.: BRB-0104-05
Volume: 1804.0 L
Location: High Volume In Tent Next To Room 211
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6944630
Client No.: BRB-0104-09
Volume: 1804.0 L
Location: High Volume In Hall By Girl's Bathroom
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944631
Client No.: BRB-0104-10
Volume: 1804.0 L
Location: High Volume In Hall By Room 201
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944632
Client No.: BRB-0104-11
Volume: 1804.0 L
Location: High Volume In Hall By Room 208
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944633
Client No.: BRB-0104-12
Volume: 1804.0 L
Location: High Volume In Hall By Room 208
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944634
Client No.: BRB-0104-13
Volume: 1804.0 L
Location: High Volume In Hall By Room 210
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944635
Client No.: BRB-0104-14
Volume: 1804.0 L
Location: High Volume In Hall By Room 210
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944636
Client No.: BRB-0104-15
Volume: 1804.0 L
Location: High Volume In Hall By Room 210
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944622
Client No.: BRB-0104-01

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Next To Room 211

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944623
Client No.: BRB-0104-02

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Next To Room 211

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
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Laboratory Director

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Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944624
Client No.: BRB-0104-03

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Next To Room 211

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944625
Client No.: BRB-0104-04

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Next To Room 211

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

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Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944626
Client No.: BRB-0104-05

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Next To Room 211

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

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Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944630
Client No.: BRB-0104-09

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Girl's Bathroom

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944631
Client No.: BRB-0104-10

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Room 201

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944632
Client No.: BRB-0104-11

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Room 208

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
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Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944633
Client No.: BRB-0104-12

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Room 208

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944634
Client No.: BRB-0104-13

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Room 210

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944635
Client No.: BRB-0104-14

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Room 210

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607168 - TEM AHERA Rev #2, 1/13/2020
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944636
Client No.: BRB-0104-15

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Volume (L): 1804.0 L
Date Sampled: 1/4/20
Location: High Volume In Hall By Room 210

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: Mcclure Elementary Date: 1-4-20

Project Number: 010-4541 Rotometer No.: HVR 1 LVR ___

Laboratory: JATL Analysis: TEM Phila. Requirements: [X] YES [ ] NO

Do not analyze 6-13

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS-01-04-01	2nd Floor main Hall across From 204	3A	3:38 PM	6:38 PM	180	10	10	1800	6944644	
ATS-01-04-02	2nd Floor main Hall across From 203	3A	3:38 PM	6:38 PM	180	10	10	1800	6944648	
ATS-01-04-03	2nd Floor main Hall IN Front of office	3A	3:38 PM	6:38 PM	180	10	10	1800	6944649	
ATS-01-04-04	2nd Floor main Hall IN Front of 202	3A	3:38 PM	6:38	180	10	10	1800	6944650	
ATS-01-04-05	2nd Floor main Hall IN Front of decon.	3A	3:38 PM	6:38	180	10	10	1800	6944651	
ATS-01-04-06	Outside 2nd Floor main Hall Bathroom sw#3	3A	3:44 PM	6:44	~~1800~~ 180	10	10	1800	~~6944652~~	
ATS-01-04-07	Outside 2nd FLR main Hall near 204	3A	3:44 PM	6:44	~~1800~~ 180	10	10	1800	6944653	
ATS-01-04-08	Outside 2nd FLR main Hall near 203	3A	3:44 PM	6:44	~~1800~~ 180	10	10	1800	~~6944654~~	

DO NOT ANALYZE

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): [ ] Immediate [X] 6 Hour [ ] 24 Hour [ ] 48 Hour [ ] Other ___

6 Hour TAT Contact: ___ at: ___

Samples Collected By: [illegible] Date: 1-4-20

Transmitted to Lab By: [illegible] Date: 1-4-20

Received in Lab By: ___ Date: ___

Samples Analyzed By: JATL - By [illegible] Date: 1/5/20

QA: KMW 1/6/2020

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure Elementary Date: 1-4-20

Project Number: 010-4541 Rotometer No.: HVR 1 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☐ YES ☐ NO

Do not analyze 643

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS-01-04-09	outside 2nd FLR main Hall near 202	3A	3:44 PM	6:44 PM	180	10	10	1800	6944655	
ATS-01-04-10	Outside 2nd FL main Hall near Bathroom	3A	3:44 PM	6:44 PM	180	10	10	1800	6944656	
ATS-01-04-11	QC Blank Field								6944657	
ATS-01-04-12	QC Blank Field								6944658	
ATS-01-04-13	QC Blank ~~Field~~ Sealed								6944659	
- -										
- -										
- -										

DO NOT ANALYZE

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: Bernard Bryson at: ____

Samples Collected By: Cecily Lagill Date: 1-4-20

Transmitted to Lab By: Cecily Lagill Date: 1-4-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

IATL INTERNATIONAL ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

MAILED x4 BR 1/5/20 1000

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607170
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		Laboratory Contacts:	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:	x4	E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	SG	Date:	1/4/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
ATS-1-4-1	6944647	1800	None Detected	< 19.2	< 0.0041
2	6944648	1800	None Detected	< 19.2	< 0.0041
3	6944649	1800	None Detected	< 19.2	< 0.0041
4	6944650	1800	None Detected	< 19.2	< 0.0041
5	6944651	1800	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1830

Instrument (I, II, III) **II**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607170 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6944647
Client No.: ATS-0104-01
Volume: 1800.0 L
Location: 2nd Floor Main Hall Across From 204
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944648
Client No.: ATS-0104-02
Volume: 1800.0 L
Location: 2nd Floor Main Hall Across From 203
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944649
Client No.: ATS-0104-03
Volume: 1800.0 L
Location: 2nd Floor Main Hall In Front Of Office
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944650
Client No.: ATS-0104-04
Volume: 1800.0 L
Location: 2nd Floor Main Hall In Front Of 202
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944651
Client No.: ATS-0104-05
Volume: 1800.0 L
Location: 2nd Floor Main Hall In Front Of Decon
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Dated : 1/13/2020 3:57:49

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607170 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944647
Client No.: ATS-0104-01

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: 2nd Floor Main Hall Across From 204

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944648
Client No.: ATS-0104-02

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: 2nd Floor Main Hall Across From 203

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944649
Client No.: ATS-0104-03

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: 2nd Floor Main Hall In Front Of Office

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607170 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944650
Client No.: ATS-0104-04

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: 2nd Floor Main Hall In Front Of 202

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944651
Client No.: ATS-0104-05

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: 2nd Floor Main Hall In Front Of Decon

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure E.S. Date: 1-4-20
Project Number: 010-4541 Rotometer No.: HVR____ LVR____
Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AA -0104-16	HIGH VOL IN TENT OUTSIDE ROOM 208 IN HALL.	3-A	143 PM	4:43 PM	180	10.02	~~1800~~ 10	1800	6944660	
AA -0104-17	HIGH VOL IN TENT OUTSIDE ROOM 208 IN HALL.	3-A	143 PM	4:43 PM	180	10.02	10	1800	6944661	
AA -0104-18	HIGH VOL IN TENT OUTSIDE ROOM 208 IN HALL	3-A	143 PM	4:43 PM	180	10.02	10	1800	6944662	
AA -0104-19	HIGH VOL IN TENT OUTSIDE ROOM 208. IN HALL	3-A	144 PM	4:44 PM	180	10.02	10	1800	6944663	
AA -0104-20	HIGH VOL IN TENT OUTSIDE ROOM 208. IN HALL	3-A	144 PM	4:44 PM	180	10.02	10	1800	6944664	
AA -0104-21	FIELD BLANK	/	/	/	/	/	/	/	6944665	
AA -0104-22	FIELD BLANK	/	/	/	/	/	/	/	6944666	
AA -0104-23	SEALED BLANK	/	/	/	/	/	/	/	6944667	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ________
6 Hour TAT Contact: ________ at: ________
Samples Collected By: [signature] Date: 1-4-20
Transmitted to Lab By: [signature] Date: 1-4-20
Received in Lab By: ________ Date: ________
Samples Analyzed By: [signature] Date: 1/5/20

RECEIVED JAN - 4 2020 SU

QA KMM 1/6/20 ... BY Ldo

Synertech inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McCLURE E.S. Date: 1.4.20

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: EMSL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MC-0104-24	HIGH VOL IN HALL By Door 201.	3-N	1464h	4:46 PM	180	10.02	10	1800	6944668	
MC-0104-25	HIGH VOL IN HALL By Door 201.	3-N	1464h	4:46 PM	180	10.02	10	1800	6944669	
MC-0104-26	HIGH VOL IN HALL By CLOSET BATHROOM.	3-N	1464h	4:46 PM	180	10.02	10	1800	~~6944670~~	
MC-0104-27	HIGH VOL IN HALL By Door 208.	3-N	1465h	4:47 PM	180	10.02	10	1800	6944671	
MC-0104-28	HIGH VOL IN HALL By Door 208.	3-N	1465h	4:46 PM	180	10.02	10	1800	~~6944672~~	
- -										
- -										
- -										

DO NOT ANALYZE

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.4.20

Transmitted to Lab By: [signature] Date: 1-4-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

E-MAILED XY
GR 1/5/20 1000

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607171
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:	XY	E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	SG	Date:	1/4/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/5/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0104-16	6944660	1800	None Detected	< 19.2	< 0.0041
017	6944661	1800	None Detected	< 19.2	< 0.0041
18	6944662	1800	None Detected	< 19.2	< 0.0041
19	6944663	1800	None Detected	< 19.2	< 0.0041
20	6944664	1800	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1830

Instrument (I, II, III **II**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607171 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6944660
Client No.: BRB-0104-16
Volume: 1800.0 L
Location: High Volume In Tent Outside Room 208 In Hall
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944661
Client No.: BRB-0104-17
Volume: 1800.0 L
Location: High Volume In Tent Outside Room 208 In Hall
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944662
Client No.: BRB-0104-18
Volume: 1800.0 L
Location: High Volume In Tent Outside Room 208 In Hall
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944663
Client No.: BRB-0104-19
Volume: 1800.0 L
Location: High Volume In Tent Outside Room 208 In Hall
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6944664
Client No.: BRB-0104-20
Volume: 1800.0 L
Location: High Volume In Tent Outside Room 208 In Hall
Date Sampled: 1/4/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607171 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944660
Client No.: BRB-0104-16

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Outside Room 208 In Hall

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944661
Client No.: BRB-0104-17

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Outside Room 208 In Hall

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607171 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944662
Client No.: BRB-0104-18

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Outside Room 208 In Hall

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6944663
Client No.: BRB-0104-19

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Outside Room 208 In Hall

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/5/2020
Report No.: 607171 - TEM AHERA
Project: McClure Elemetary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6944664
Client No.: BRB-0104-20

Volume (L): 1800.0 L
Date Sampled: 1/4/20
Location: High Volume In Tent Outside Room 208 In Hall

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/4/2020
Date Analyzed: 01/05/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MCCLURE E.S. Date: 1-7-20

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: TAT Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MB-0107-01	HIGH VOL IN ROOM 110.	3-N	818AM	1119AM	180	10.02	10.02	1804	6946387	
MB-0107-02	HIGH VOL IN ROOM 110	3-N	818AM	1118AM	180	10.02	10.02	1804	6946388	
MB-0107-03	HIGH VOL IN ROOM 109.	3-N	819AM	1119AM	180	10.02	10.02	1804	6946389	
MB-0107-04	HIGH VOL IN ROOM 109.	3-N	819AM	1119AM	180	10.02	10.02	1804	6946390	
MB-0107-05	HIGH VOL IN ROOM 108.	3-N	821AM	1121AM	180	10.02	10.02	1804	6946391	
MB-0107-06	HIGH VOL IN ROOM 108.	3-N	821AM	1121AM	180	10.02	10.02	1804	6946392	
MB-0107-07	HIGH VOL IN MAIN OFFICE. 106	3-N	822AM	1122AM	180	10.02	10.02	1804	6946393	
MB-0107-08	HIGH VOL IN MAIN OFFICE. 106	3-N	822AM	1122AM	180	10.02	10.02	1804	6946394	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-7-20

Transmitted to Lab By: [signature] Date: 1-7-20 JAN - 9 2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: SS 1/7/20 [signature] 1/8/20 Date: ____

@WC 1-8-20

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MCCLURE E.S. Date: 1-7-20

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: TAL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MB-0107-09	HIGH VOL IN OFFICE BESIDE COPY MACH. 106C	3-N	824AM	1124AM	180	10.02	10.02	1804	6946395	
MB-0107-10	HIGH VOL IN OFFICE BESIDE COPY MACH. 106C	3-N	824AM	1124AM	180	10.02	10.02	1804	6946396	
MB-0107-11	HIGH VOL IN HALL ENCLOSURE BY ROOM 109	3-A	1140AM	240PM	180	10.02	10.02	1804	6946397	
MB-0107-12	HIGH VOL IN HALL ENCLOSURE BY ROOM 109	3-A	1140AM	240PM	180	10.02	10.02	1804	6946398	
MB-0107-13	HIGH VOL IN HALL ENCLOSURE BY ROOM 109.	3-A	1141AM	241PM	180	10.02	10.02	1804	6946399	
MB-0107-14	HIGH VOL IN HALL ENCLOSURE BY ROOM 109.	3-A	1141AM	241PM	180	10.02	10.02	1804	6946401 6946400	
MB-0107-15	HIGH VOL IN HALL ENCLOSURE BY ROOM 109	3-A	1141AM	241PM	180	10.02	10.02	1804		
MB-0107-16	HIGH VOL IN HALL ENCLOSURE BY ROOM 108	3-A	1144AM	244PM	180	10.02	10.02	1804	6946402	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-7-20

Transmitted to Lab By: [signature] Date: 1-7-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McGuire E.S. Date: 1.7.20

Project Number: 010-4541 Rotometer No.: HVR 188 LVR 918

Laboratory: IML Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AAR -0107-17	HVAC UNIT IN HALL ENCLOSURE By Room 108.	3-A	1144AM	244PM	180	10.02	10.02	1804	6946403	
AAR -0107-18	HVAC UNIT IN HALL ENCLOSURE By Room 108.	3-A	1144AM	244PM	180	10.02	10.02	1804	6946404	
AAR -0107-19	HVAC UNIT IN HALL ENCLOSURE By Room 108.	3-A	1145AM	245PM	180	10.02	10.02	1804	6946405	
AAR -0107-20	HVAC UNIT IN HALL ENCLOSURE By Room 108.	3-A	1145AM	245PM	180	10.02	10.02	1804	6946406	
AAR -0107-21	HVAC UNIT IN HALL By Rooms 108-109.	3-N	1130AM	230PM	180	10.02	10.02	1804	6946407	
AAR -0107-22	HVAC UNIT IN HALL By Workers STAFF BATHROOMS	3-N	1130AM	230PM	180	10.02	10.02	1804	6946408	
AAR -0107-23	HVAC UNIT IN HALL By LUNCHROOM DOOR #4	3-N	1131AM	231PM	180	10.02	10.02	1804	6946409	
AAR -0107-24	HVAC UNIT IN HALL By LUNCHROOM DOOR #3	3-N	1131AM	231PM	180	10.02	10.02	1804	6946410	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other _____

6 Hour TAT Contact: _____ at: _____

Samples Collected By: [signature] Date: 1.7.20

Transmitted to Lab By: [signature] Date: 1.7.20

Received in Lab By: _____ Date: _____

Samples Analyzed By: _____ Date: _____

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ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MCGUIRE E.S. Date: 1-7-20

Project Number: 010-4541 Rotometer No.: HVR____ LVR____

Laboratory: TATU Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
BMS-0107-25	HVR VOL IN HAUL BY MAIN OFFICE.	3-N	1131AM	231PM	180	10.02	10.02	1804	694541	
BMS-0107-26	FIELD BLANK	/	/	/	/	/	/	/	694542	
BMS-0107-27	FIELD BLANK	/	/	/	/	/	/	/	694543	
BMS-0107-28	SEALED BLANK	/	/	/	/	/	/	/	694544	
- -										
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other _____

6 Hour TAT Contact: _____ at: _____

Samples Collected By: [signature] Date: 1-7-20

Transmitted to Lab By: [signature] Date: 1-7-20

Received in Lab By: _____ Date: _____

Samples Analyzed By: _____ Date: _____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607361
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/7/2020	Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/7/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/7/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0107-01	6946387	1804	None Detected	< 19.2	< 0.0041
BRB-0107-02	6946388	1804	None Detected	< 19.2	< 0.0041
BRB-0107-03	6946389	1804	None Detected	< 19.2	< 0.0041
BRB-0107-04	6946390	1804	None Detected	< 19.2	< 0.0041
BRB-0107-05	6946391	1804	None Detected	< 19.2	< 0.0041
BRB-0107-06	6946392	1804	None Detected	< 19.2	< 0.0041
BRB-0107-07	6946393	1804	None Detected	< 19.2	< 0.0041
BRB-0107-08	6946394	1804	None Detected	< 19.2	< 0.0041
BRB-0107-09	6946395	1804	None Detected	< 19.2	< 0.0041
BRB-0107-10	6946396	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1831

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607361
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/7/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/8/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0107-11	6946397	1804	Chrysotile	19.2	0.0041
12	6946398	1804	None Detected	< 19.2	< 0.0041
13	6946399	1804	None Detected	< 19.2	< 0.0041
14	6946400	1804	None Detected	< 19.2	< 0.0041
15	6946401	1804	None Detected	< 19.2	< 0.0041
16	6946402	1804	Chrysotile	19.2	0.0041
17	6946403	1804	None Detected	< 19.2	< 0.0041
18	6946404	1804	None Detected	< 19.2	< 0.0041
19	6946405	1804	Chrysotile	19.2	0.0041
20	6946406	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1831

Instrument (I, II, III **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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ASBESTOS TESTING LABORATORIES

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PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607361
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/7/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/8/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0107-21	6946407	1804	None Detected	< 19.2	< 0.0041
22	6946408	1804	None Detected	< 19.2	< 0.0041
23	6946409	1804	Chrysotile	19.2	0.0041
24	6946410	1804	None Detected	< 19.2	< 0.0041
25	6946411	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1831

Instrument (I, II, III) **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6946387	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-01	**Location:** High Vol In Rm 110	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946388	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-02	**Location:** High Vol In Rm 110	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946389	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-03	**Location:** High Vol In Rm 109	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946390	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-04	**Location:** High Vol In Rm 109	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946391	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-05	**Location:** High Vol In Rm 108	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946392	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-06	**Location:** High Vol In Rm 108	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946393	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-07	**Location:** High Vol In Main Office 106B	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected
Lab No.: 6946394	**Volume:** 1804.0 L	**Density (s/mm²):** <19.2
Client No.: BRB-0107-08	**Location:** High Vol In Main Office 106B	**Concentration (s/cc):** <0.0041
	Date Sampled: 1/07/20	**Asbestos Type(s):**None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/07/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Dated : 1/13/2020 3:58:02

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6946395
Client No.: BRB-0107-09

Volume: 1804.0 L
Location: High Vol In Office Beside Copy Rm 106C
Date Sampled: 1/07/20

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946396
Client No.: BRB-0107-10

Volume: 1804.0 L
Location: High Vol In Office Beside Copy Rm 106C
Date Sampled: 1/07/20

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/07/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6946397
Client No.: BRB-0107-11
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 109
Date Sampled: 1/07/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6946398
Client No.: BRB-0107-12
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 109
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946399
Client No.: BRB-0107-13
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 109
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946400
Client No.: BRB-0107-14
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 109
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946401
Client No.: BRB-0107-15
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 109
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946402
Client No.: BRB-0107-16
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 108
Date Sampled: 1/07/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6946403
Client No.: BRB-0107-17
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 108
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946404
Client No.: BRB-0107-18
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 108
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s):

Lab No.: 6946405
Client No.: BRB-0107-19
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 108
Date Sampled: 1/07/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6946406
Client No.: BRB-0107-20
Volume: 1804.0 L
Location: High Vol In Hall Enclosure By Rm 108
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6946407
Client No.: BRB-0107-21
Volume: 1804.0 L
Location: High Vol In Hall By Rooms 108-109
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946408
Client No.: BRB-0107-22
Volume: 1804.0 L
Location: High Vol In Hall By Woman's Staff Bathroom
Date Sampled: 1/07/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6946409
Client No.: BRB-0107-23

Volume: 1804.0 L
Location: High Vol In Hall By Lunch Rm Door #4
Date Sampled: 1/07/20

Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6946410
Client No.: BRB-0107-24

Volume: 1804.0 L
Location: High Vol In Hall By Lunch Rm Door #3
Date Sampled: 1/07/20

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946411
Client No.: BRB-0107-25

Volume: 1804.0 L
Location: High Vol In Hall By Main Office
Date Sampled: 1/07/20

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946387
Client No.: BRB-0107-01

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Rm 110

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946388
Client No.: BRB-0107-02

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Rm 110

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946389
Client No.: BRB-0107-03

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/07/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946390
Client No.: BRB-0107-04

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946391
Client No.: BRB-0107-05

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946392
Client No.: BRB-0107-06

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/07/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946393
Client No.: BRB-0107-07

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Main Office 106B

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946394
Client No.: BRB-0107-08

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Main Office 106B

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946395
Client No.: BRB-0107-09

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Office Beside Copy Rm 106C

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/07/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946396
Client No.: BRB-0107-10

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Office Beside Copy Rm 106C

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/07/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946397
Client No.: BRB-0107-11

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946398
Client No.: BRB-0107-12

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946399
Client No.: BRB-0107-13

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946400
Client No.: BRB-0107-14

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946401
Client No.: BRB-0107-15

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946402
Client No.: BRB-0107-16

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946403
Client No.: BRB-0107-17

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946404
Client No.: BRB-0107-18

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s):

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946405
Client No.: BRB-0107-19

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946406
Client No.: BRB-0107-20

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall Enclosure By Rm 108

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946407
Client No.: BRB-0107-21

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall By Rooms 108-109

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946408
Client No.: BRB-0107-22

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall By Woman's Staff Bathroom

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946409
Client No.: BRB-0107-23

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall By Lunch Rm Door #4

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946410
Client No.: BRB-0107-24

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall By Lunch Rm Door #3

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Mt. Laurel, New Jersey 08054
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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/7/2020
Report No.: 607361 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946411
Client No.: BRB-0107-25

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Volume (L): 1804.0 L
Date Sampled: 1/07/20
Location: High Vol In Hall By Main Office

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure Elementary Date: 1-7-20

Project Number: 010-4541 Rotometer No.: HVR 7 LVR ___

Laboratory: IATL Analysis: TEM Phila. Requirements: X YES ☐ NO

Do not analyze 6, 7, 8

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS-01-07-01	1st floor Maine hallway across From 104	3A	2:57 PM	5:57 PM	180	10	10	1800	694447	
ATS-01-07-02	1st floor Maine Hall across from 103	3A	2:57 PM	5:57 PM	180	10	10	1800	694-447	
ATS-01-07-03	1st floor Maine Hall across from 102	3A	2:57 PM	5:57 PM	180	10	10	1800	694-449	
ATS-01-07-04	1st floor Maine Hall way decon	3A	2:57 PM	5:57 PM	180	10	10	1800	694-450	
ATS-01-07-05	1st floor Maine Hall near main Office	3A	2:57 PM	5:57 PM	180	10	10	1800	694-451	
ATS-01-07-06	QC Blank Field								694452	
ATS-01-07-07	QC Blank Field								694-453	
ATS-01-07-08	QC BLANK Sealed								694452	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ___

6 Hour TAT Contact: Ryan Hutzel at: GO synertech.com

Samples Collected By: Cuitty Leigh Date: 1-7-20

Transmitted to Lab By: Cuitty Leigh Date: 1-7-20

Received in Lab By: Date:

Samples Analyzed By: Date: 1/8/20

QA: KM 1/8/20

iATL INTERNATIONAL
Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607365
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/7/2020	Time:	
Samples Analyzed:	C. Liska	Date:	1/8/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
ATS0107-01	6946447	1800	Amosite	19.2	0.0041
ATS0107-02	6946448	1800	Chrysotile	19.2	0.0041
ATS0107-03	6946449	1800	Chrysotile	19.2	0.0041
ATS0107-04	6946450	1800	None Detected	< 19.2	< 0.0041
ATS0107-05	6946451	1800	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1832

Instrument (I, II, III) **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/8/2020
Report No.: 607365 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6946447
Client No.: ATS-0107-01
Volume: 1800.0 L
Location: 1st Floor Main Hallway Across From 104
Date Sampled: 1/7/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Amosite

Lab No.: 6946448
Client No.: ATS-0107-02
Volume: 1800.0 L
Location: 1st Floor Main Hallway Across From 103
Date Sampled: 1/7/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6946449
Client No.: ATS-0107-03
Volume: 1800.0 L
Location: 1st Floor Main Hallway Across From 102
Date Sampled: 1/7/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6946450
Client No.: ATS-0107-04
Volume: 1800.0 L
Location: 1st Floor Main Hallway Decon
Date Sampled: 1/7/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6946451
Client No.: ATS-0107-05
Volume: 1800.0 L
Location: 1st Floor Main Hallway Near Main Office
Date Sampled: 1/7/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client:	Synertech Inc.	Report Date:	1/8/2020
	228 Moore Street	Report No.:	607365 - TEM AHERA
	Philadelphia PA 19148	Project:	McClure Elementary
		Project No.:	010-4541
Client:	SYN177		

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager:wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:
- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/8/2020
Report No.: 607365 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946447
Client No.: ATS-0107-01

Volume (L): 1800.0 L
Date Sampled: 1/7/20
Location: 1st Floor Main Hallway Across From 104

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number: DP 5747
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Amosite

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6946448
Client No.: ATS-0107-02

Volume (L): 1800.0 L
Date Sampled: 1/7/20
Location: 1st Floor Main Hallway Across From 103

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number: DP 5748
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/8/2020
Report No.: 607365 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946449
Client No.: ATS-0107-03

Volume (L): 1800.0 L
Date Sampled: 1/7/20
Location: 1st Floor Main Hallway Across From 102

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: 1

Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Non-Asbestos Type(s): CaS - Gypsum

Lab No.: 6946450
Client No.: ATS-0107-04

Volume (L): 1800.0 L
Date Sampled: 1/7/20
Location: 1st Floor Main Hallway Decon

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/8/2020
Report No.: 607365 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6946451
Client No.: ATS-0107-05

Volume (L): 1800.0 L
Date Sampled: 1/7/20
Location: 1st Floor Main Hallway Near Main Office

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/7/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure E.S. Date: 1.8.2020

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MM -0108 -01	HIGH VOL IN MARSHALL ST VESTIBULE ENTRANCE LEVEL ENCLOSURE.	3-A	956AM	1256PM	180	10.02	10.02	1804	6947119	
MM -0108 -02	HIGH VOL IN MARSHALL ST VESTIBULE ENTRANCE LEVEL ENCLOSURE.	3-A	956AM	1256PM	180	10.02	10.02	1804	6947120	
MM -0108 -03	HIGH VOL IN MARSHALL ST VESTIBULE ENTRANCE LEVEL ENCLOSURE.	3-A	956AM	1256PM	180	10.02	10.02	1804	6947121	
MM -0108 -04	HIGH VOL IN MARSHALL ST VESTIBULE ENTRANCE LEVEL ENCLOSURE.	3-A	957AM	1257PM	180	10.02	10.02	1804	6947122	
MM -0108 -05	HIGH VOL IN MARSHALL ST VESTIBULE ENTRANCE LEVEL ENCLOSURE.	3-A	957AM	1257PM	180	10.02	10.02	1804	6947123	
MM -0108 -06	FIELD BLANK	/	/	/	/	/	/	/	6947124	
MM -0108 -07	FIELD BLANK	/	/	/	/	/	/	/	6947125	
MM -0108 -08	SEALED BLANK	/	/	/	/	/	/	/	6947126	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-8-20

Transmitted to Lab By: [signature] Date: 1-8-20

Received in Lab By: JAN -8 2020 SG Date: ____

Samples Analyzed By: ____ Date: ____

QA: KMyers 1/9/20

Synertech Inc.
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www.gosynertech.com

Project: MCGUIRE E.S. Date: 1.8.2020

Project Number: 010-454F Rotometer No.: HVR 184 LVR ____

Laboratory: ITL Analysis: TEM Phila. Requirements: ☑ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AIR -0108 -09	HIGH VOL IN 1ST AND 2ND LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1000 AM	100 AM	180	10.02	10.02	1804	6947127	
AIR -0108 -10	HIGH VOL IN 1ST AND 2ND LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1000 AM	100 AM	180	10.02	10.02	1804	6947128	
AIR -0108 -11	HIGH VOL IN 1ST AND 2ND LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1000 AM	100 AM	180	10.02	10.02	1804	6947129	
AIR -0108 -12	HIGH VOL IN 1ST AND 2ND LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1001 AM	101 AM	180	10.02	10.02	1804	6947130	
AIR -0108 -13	HIGH VOL IN 1ST AND 2ND LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1001 AM	101 AM	180	10.02	10.02	1804	6947131	
AIR -0108 -14	HIGH VOL IN 2ND AND 3RD LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1004 AM	104 AM	180	10.02	10.02	1804	6947132	
AIR -0108-15	HIGH VOL IN 2ND AND 3RD LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1004 AM	104 AM	180	10.02	10.02	1804	6947133	
AIR -0108-16	HIGH VOL IN 2ND AND 3RD LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1004 AM	104 AM	180	10.02	10.02	1804	6947134	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.8.20

Transmitted to Lab By: [signature] Date: 1.8.20

Received in Lab By: ____ Date: ____

Samples Analyzed By: SS 1/8/20 Date: 1/9/20

QA: KMyth 1/9/20

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McGuire E.S. Date: 1-8-2020

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: IML Analysis: TEM Phila. Requirements: ☐ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AMS -0108 -17	HIGH VOL IN 2ND AND 3RD LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1005AM	105PM	180	10.02	10.02	1804	6947135	
AMS -0108 -18	HIGH VOL IN 2ND AND 3RD LEVEL ENCLOSURE FOR MARSHALL ST STAIRS	3-A	1005AM	105PM	180	10.02	10.02	1804	6947136	
AMS -0108 -19	HIGH VOL ON ENTRANCE LEVEL OF MARSHALL ST STAIRS.	3-N	1007AM	107PM	180	10.02	10.02	1804	6947137	
AMS -0108 -20	HIGH VOL ON ENTRANCE LEVEL OF MARSHALL ST STAIRS.	3-N	1007AM	107PM	180	10.02	10.02	1804	6947138	
AMS -0108 -21	HIGH VOL ON 1ST FLOOR IN MARSHALL ST STAIRS	3-N	1008AM	108PM	180	10.02	10.02	1804	6947139	
AMS -0108 -22	HIGH VOL IN MARSHALL ST STAIRWELL BETWEEN 1ST AND 2ND LEVEL.	3-N	1008AM	108PM	180	10.02	10.02	1804	6947140	
AMS -0108 -23	HIGH VOL IN MARSHALL ST STAIRWELL BETWEEN 2ND AND 3RD LEVEL.	3-N	1009AM	109PM	180	10.02	10.02	1804	6947141	
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-8-2020

Transmitted to Lab By: [signature] Date: 1-8-2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] Date: 1/9/20

QA: KMyh 1/9/20

601437

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MEURER E.S. Date: 1.8.2020

Project Number: 02-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☐ YES ☐ NO

GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AIR -0108 -24	HIGH VOL IN 6TH ST STAIRS BETWEEN 1ST AND 2ND LEVELS.	3-A	113PM	413PM	180	10.02	10.02	1804	6947142	
AIR -0108 -25	HIGH VOL IN 6TH ST STAIRS BETWEEN 1ST AND 2ND LEVELS	3-A	113PM	413PM	180	10.02	10.02	1804	6947143	
AIR -0108 -26	HIGH VOL IN 6TH ST STAIRS BETWEEN 1ST AND 2ND LEVELS.	3-A	113PM	413PM	180	10.02	10.02	1804	6947144	
AIR -0108 -27	HIGH VOL IN 6TH ST STAIRS BETWEEN 1ST AND 2ND LEVELS.	3-A	114PM	414PM	180	10.02	10.02	1804	6947145	
AIR -0108 -28	HIGH VOL IN 6TH ST STAIRS BETWEEN 1ST AND 2ND LEVELS.	3-A	114PM	414PM	180	10.02	10.02	1804	6947146	
AIR -0108 -29	HIGH VOL IN 6TH STREET STAIRWELL OUTSIDES	3-N	116PM	416PM	180	10.02	10.02	1804	6947147	
AIR -0108 -30	HIGH VOL IN 6TH STREET STAIRWELL OUTSIDES	3-N	116PM	416PM	180	10.02	10.02	1804	6947148	
AIR -0108 -31	HIGH VOL IN 6TH FLOOR STAIRWELL OUTSIDES	3-N	116PM	416PM	180	10.02	10.02	1804	6947149	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.8.2020

Transmitted to Lab By: [signature] Date: 1.8.2020

Received in Lab By: [signature] Date: ____

Samples Analyzed By: [signature] Date: 1/9/20

QA: [signature] 1/9/20

Synertech Inc.
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228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure E.S. Date: 1-8-2020
Project Number: 010-4541 Rotometer No.: HVR 189 LVR____
Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO
GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AMS -0108 -32	HIGHVOL W 6TH STREET STAIRWELL OUTSIDES	3-N	1:17AM	4:17PM	180	10.02	10.02	1804	6947150	
AMS -0108 -33	HIGHVOL W 6TH STREET STAIRWELL OUTSIDES	3-N	1:17PM	4:17PM	180	10.02	10.02	1804	6947151	
- -										
- -										
- -										
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ________

6 Hour TAT Contact: ____________ at: ____________
Samples Collected By: [signature] Date: 1.8.2020
Transmitted to Lab By: [signature] Date: 1.8.2020
Received in Lab By: ____________ Date: ____________
Samples Analyzed By: [signature] Date: 1/9/20

QA: Kmyph 1/9/20

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McClure E.S. Date: 1.8.2020

Project Number: 010-4541 Rotometer No.: HVR/89 LVR____

Laboratory: IML Analysis: TEM Phila. Requirements: ☐ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MB -0108 -34	HIGH VOL IN 6TH ST STAIRS VESTIBULE ENTRANCE LIGHT SIDE	3-A	1:19PM	4:19PM	180	10.02	10.02	1804	6947152	
MB -0108 -35	HIGH VOL IN 6TH ST STAIRS VESTIBULE ENTRANCE LIGHT SIDE	3-A	1:19PM	4:19PM	180	10.02	10.02	1804	6947153	
MB -0108 -36	HIGH VOL IN 6TH ST STAIRS VESTIBULE ENTRANCE LIGHT SIDE	3-A	1:19PM	4:19PM	180	10.02	10.02	1804	6947154	
MB -0108 -37	HIGH VOL IN 6TH ST STAIRS VESTIBULE ENTRANCE LIGHT SIDE	3-A	1:20PM	4:20PM	180	10.02	10.02	1804	6947155	
MB -0108 -38	HIGH VOL IN 6TH ST STAIRS VESTIBULE ENTRANCE LIGHT SIDE	3-A	1:20PM	4:20PM	180	10.02	10.02	1804	6947156	
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.8.2020

Transmitted to Lab By: [signature] Date: 1.8.2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] Date: 1.9.20

QA: KONYOK 1/9/20

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:				
Samples Taken in Field:		Date:		Time:
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/8/2020	Time:
Samples Analyzed:	C. Liska	Date:	1/8/2020	Time:
Preliminary Results Faxed:		Date:		Time:
Preliminary Results E-Mail:		Date:		Time:

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0108-01	6947119	1804	Chrysotile	19.2	0.0041
0108-02	6947120	1804	None Detected	< 19.2	< 0.0041
0108-03	6947121	1804	None Detected	< 19.2	< 0.0041
0108-04	6947122	1804	None Detected	< 19.2	< 0.0041
0108-05	6947123	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1823

Instrument (I, II, III) **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/8/2020	Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/8/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/8/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0108-09	6947127	1804	None Detected	< 19.2	< 0.0041
BRB-0108-10	6947128	1804	None Detected	< 19.2	< 0.0041
BRB-0108-11	6947129	1804	None Detected	< 19.2	< 0.0041
BRB-0108-12	6947130	1804	None Detected	< 19.2	< 0.0041
BRB-0108-13	6947131	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1831

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/8/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0108-14	6947132	1804	None Detected	< 19.2	< 0.0041
15	6947133	1804	None Detected	< 19.2	< 0.0041
16	6947134	1804	None Detected	< 19.2	< 0.0041
17	6947135	1804	None Detected	< 19.2	< 0.0041
18	6947136	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1832

Instrument (I, II, III) **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:					
Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/8/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0108-19	6947137	1804	None Detected	< 19.2	< 0.0041
20	6947138	1804	None Detected	< 19.2	< 0.0041
21	6947139	1804	None Detected	< 19.2	< 0.0041
22	6947140	1804	None Detected	< 19.2	< 0.0041
23	6947141	1804	None Detected	< 19.2	< 0.0041

AHERA Clerance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1832

Instrument (I, II, III **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/8/2020	Time:	
Samples Analyzed:	B. Reich	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0108-24	6947142	1804	None Detected	< 19.2	< 0.0041
25	6947143	1804	None Detected	< 19.2	< 0.0041
26	6947144	1804	None Detected	< 19.2	< 0.0041
27	6947145	1804	None Detected	< 19.2	< 0.0041
28	6947146	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1832

Instrument (I, II, III **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/8/2020	Time:	
Samples Analyzed:	C. Liska	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0108-29	6947147	1804	None Detected	< 19.2	< 0.0041
0108-30	6947148	1804	None Detected	< 19.2	< 0.0041
0108-31	6947149	1804	None Detected	< 19.2	< 0.0041
0108-32	6947150	1804	Chrysotile	19.2	0.0041
0108-33	6947151	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1831

Instrument (I, II, III I

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607430
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/8/2020	Time:	
Samples Analyzed:	C. Liska	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0108-34	6947152	1804	None Detected	< 19.2	< 0.0041
0108-35	6947153	1804	Chrysotile	19.2	0.0041
0108-36	6947154	1804	None Detected	< 19.2	< 0.0041
0108-37	6947155	1804	None Detected	< 19.2	< 0.0041
0108-38	6947156	1804	Chrysotile	19.2	0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1835

Instrument (I, II, III **I**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947119
Client No.: BRB-0108-01
Volume: 1804.0 L
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure
Date Sampled: 1/8/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6947120
Client No.: BRB-0108-02
Volume: 1804.0 L
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947121
Client No.: BRB-0108-03
Volume: 1804.0 L
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947122
Client No.: BRB-0108-04
Volume: 1804.0 L
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947123
Client No.: BRB-0108-05
Volume: 1804.0 L
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947127
Client No.: BRB-0108-09
Volume: 1804.0 L
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947128
Client No.: BRB-0108-10
Volume: 1804.0 L
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947129
Client No.: BRB-0108-11
Volume: 1804.0 L
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947130
Client No.: BRB-0108-12
Volume: 1804.0 L
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947131
Client No.: BRB-0108-13
Volume: 1804.0 L
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947132
Client No.: BRB-0108-14
Volume: 1804.0 L
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947133
Client No.: BRB-0108-15
Volume: 1804.0 L
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947134
Client No.: BRB-0108-16
Volume: 1804.0 L
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947135
Client No.: BRB-0108-17
Volume: 1804.0 L
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947136
Client No.: BRB-0108-18
Volume: 1804.0 L
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6947137
Client No.: BRB-0108-19
Volume: 1804.0 L
Location: High Volume On Entrance Level Of Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947138
Client No.: BRB-0108-20
Volume: 1804.0 L
Location: High Volume On Entrance Level Of Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947139
Client No.: BRB-0108-21
Volume: 1804.0 L
Location: High Volume On 1st Floor In Marshall St Stairs
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947140
Client No.: BRB-0108-22
Volume: 1804.0 L
Location: High Volume In Marshall St Stairwell Between 1st And 2nd Level
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947141
Client No.: BRB-0108-23
Volume: 1804.0 L
Location: High Volume In Marshall St Stairwell Between 2nd And 3nd Level
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6947142
Client No.: BRB-0108-24
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947143
Client No.: BRB-0108-25
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
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Telephone: 856-231-9449
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947144
Client No.: BRB-0108-26
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947145
Client No.: BRB-0108-27
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947146
Client No.: BRB-0108-28
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947147
Client No.: BRB-0108-29
Volume: 1804.0 L
Location: High Volume In 6th St Stairwell Outsides
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947148
Client No.: BRB-0108-30
Volume: 1804.0 L
Location: High Volume In 6th St Stairwell Outsides
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947149
Client No.: BRB-0108-31
Volume: 1804.0 L
Location: High Volume In 6th St Stairwell Outsides
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947150
Client No.: BRB-0108-32
Volume: 1804.0 L
Location: High Volume In 6th St Stairwell Outsides
Date Sampled: 1/8/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6947151
Client No.: BRB-0108-33
Volume: 1804.0 L
Location: High Volume In 6th St Stairwell Outsides
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6947152
Client No.: BRB-0108-34
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
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Telephone: 856-231-9449
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6947153
Client No.: BRB-0108-35
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side
Date Sampled: 1/8/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6947154
Client No.: BRB-0108-36
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947155
Client No.: BRB-0108-37
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side
Date Sampled: 1/8/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6947156
Client No.: BRB-0108-38
Volume: 1804.0 L
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side
Date Sampled: 1/8/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client:	Synertech Inc.	Report Date:	1/9/2020
	228 Moore Street	Report No.:	607430 - TEM AHERA
	Philadelphia PA 19148	Project:	McClure E.S.
		Project No.:	010-4541
Client:	SYN177		

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager:wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:
- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947119
Client No.: BRB-0108-01

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947120
Client No.: BRB-0108-02

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947121
Client No.: BRB-0108-03

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947122
Client No.: BRB-0108-04

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Telephone: 856-231-9449
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947123
Client No.: BRB-0108-05

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volumn Marshall St Vestibule Entrance Level Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947127
Client No.: BRB-0108-09

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947128
Client No.: BRB-0108-10

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947129
Client No.: BRB-0108-11

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947130
Client No.: BRB-0108-12

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947131
Client No.: BRB-0108-13

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 1st And 2nd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/08/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947132
Client No.: BRB-0108-14

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947133
Client No.: BRB-0108-15

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
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Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947134
Client No.: BRB-0108-16

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947135
Client No.: BRB-0108-17

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947136
Client No.: BRB-0108-18

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 2nd And 3rd Level Enclosure For Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6947137
Client No.: BRB-0108-19

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume On Entrance Level Of Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
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Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947138
Client No.: BRB-0108-20

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume On Entrance Level Of Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947139
Client No.: BRB-0108-21

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume On 1st Floor In Marshall St Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947140
Client No.: BRB-0108-22

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In Marshall St Stairwell Between 1st And 2nd Level

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947141
Client No.: BRB-0108-23

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In Marshall St Stairwell Between 2nd And 3nd Level

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
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Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947142
Client No.: BRB-0108-24

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947143
Client No.: BRB-0108-25

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947144
Client No.: BRB-0108-26

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947145
Client No.: BRB-0108-27

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947146
Client No.: BRB-0108-28

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Ben Reich

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947147
Client No.: BRB-0108-29

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairwell Outsides

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947148
Client No.: BRB-0108-30

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairwell Outsides

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947149
Client No.: BRB-0108-31

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairwell Outsides

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947150
Client No.: BRB-0108-32

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairwell Outsides

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number: 5754
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947151
Client No.: BRB-0108-33

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairwell Outsides

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6947152
Client No.: BRB-0108-34

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947153
Client No.: BRB-0108-35

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number: DP 5755
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: 1

Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Non-Asbestos Type(s): SiAl - Other Fiber

Lab No.: 6947154
Client No.: BRB-0108-36

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607430 - TEM AHERA
Project: McClure E.S.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6947155
Client No.: BRB-0108-37

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6947156
Client No.: BRB-0108-38

Volume (L): 1804.0 L
Date Sampled: 1/8/20
Location: High Volume In 6th St Stairs Vestibule Entrance Right Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/8/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McGUIRE E.S. Date: 1-9-2020

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: EMSL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
MB-0109-01	HIGH VOL IN PLAYGROUND VESTIBULE ENTRANCE STAIRS.	3-A	828 AM	1128 AM	180	10.02	10.02	1804	6948198	
MB-0109-02	HIGH VOL IN PLAYGROUND VESTIBULE ENTRANCE. STAIRS	3-A	828 AM	1128 AM	180	10.02	10.02	1804	6948199	
MB-0109-03	HIGH VOL IN PLAYGROUND VESTIBULE ENTRANCE STAIRS	3-A	828 AM	1128 AM	180	10.02	10.02	1804	6948200	
MB-0109-04	HIGH VOL IN PLAYGROUND VESTIBULE ENTRANCE STAIRS	3-A	829 AM	1129 AM	180	10.02	10.02	1804	6948201	
MB-0109-05	HIGH VOL IN PLAYGROUND VESTIBULE ENTRANCE. STAIRS	3-A	829 AM	1129 AM	180	10.02	10.02	1804	6948202	
MB-0109-06	FIELD BLANK	/	/	/	/	/	/	/	6948203	
MB-0109-07	FIELD BLANK	/	/	/	/	/	/	/	6948204	
MB-0109-08	SEALED BLANK	/	/	/	/	/	/	/	6948205	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-9-2020

Transmitted to Lab By: [signature] Date: 1-9-2020 JAN 2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] Date: 1/9/20 1/9/20

QA [illegible] 1/10/2020

Synertech Inc.
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Phone 215-755-2305 • Fax 215-755-2405
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Project: MCGUIRE ES Date: 1.9.2020

Project Number: 010-4541 Rotometer No.: HVR 88 LVR ____

Laboratory: ATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AIR -0109-09	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS	3-A	831AM	1131AM	180	10.02	10.02	1804	6943206	
AIR -0109-10	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS	3-A	831AM	1131AM	180	10.02	10.02	1804	6943207	
AIR -0109-11	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS.	3-A	831AM	1131AM	180	10.02	10.02	1804	6943208	
AIR -0109-12	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS	3-A	832AM	1132AM	180	10.02	10.02	1804	6943209	
AIR -0109-13	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS.	3-A	832AM	1132AM	180	10.02	10.02	1804	6943210	
AIR -0109-14	HIGH VOL IN PLAYGROUND STANDS WESTERLY ENT-RANCE OUTSIDE	3-N	834AM	1134AM	180	10.02	10.02	1804	6943211	
AIR -0109-15	HIGH VOL IN PLAYGROUND STANDS WESTERLY ENT-RANCE OUTSIDE	3-N	834AM	1134AM	180	10.02	10.02	1804	6943212	
AIR -0109-16	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS	3-N	835AM	1135AM	180	10.02	10.02	1804	6943213	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.9.2020

Transmitted to Lab By: [signature] Date: 1.9.2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

Synertech Inc.
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Project: McGuire ES Date: 1.9.2020

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: EMSL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AMS -0109-17	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS.	3-N	835AM	1135AM	180	10.02	10.02	1804	6943214	
AMS -0109-18	HIGH VOL IN PLAYGROUND STANDS BETWEEN 1ST AND 2ND LEVELS.	3-N	835AM	1135AM	180	10.02	10.02	1804	6943215	
- -										
- -										
- -										
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.9.2020

Transmitted to Lab By: [signature] Date: 1.9.2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

Synertech Inc.
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www.gosynertech.com

Project: McClure E.S. Date: 1.9-2020

Project Number: 010-4541 Rotometer No.: HVR 89 LVR ____

Laboratory: EMSL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

61

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AHS -0109-19	HIGH VOL IN 1ST FLOOR HALL BY MAIN OFFICE.	1-N	837AM	1137AM	180	10.02	10.02	1804	6943216	
AHS -0109-20	HIGH VOL IN 1ST FLOOR HALL BY CAFETERIA DOOR #2 AND #3	1-N	837AM	1137AM	180	10.02	10.02	1804	6943217	
AHS -0109-21	HIGH VOL IN 1ST FLOOR HALL BY CAFETERIA DOOR #4.	1-N	838AM	1138AM	180	10.02	10.02	1804	6943218	
- -										
- -										
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1.9-2020

Transmitted to Lab By: [signature] Date: 1.9-2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: ____ Date: ____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
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PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: Synertech Inc.
228 Moore Street
Philadelphia, PA 19148
Client No.: SYN177

Batch No.: 607527
Project: McClure ES
Project No.: 010-4541
Philly Regs: Y
Turn-Around Time: Rush

Client Contacts:		Laboratory Contacts:	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/9/2020	Time:	
Samples Analyzed:	C. Liska	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
0109-01	6948198	1804	None Detected	< 19.2	< 0.0041
0109-02	6948199	1804	Chrysotile	19.2	0.0041
0109-03	6948200	1804	None Detected	< 19.2	< 0.0041
0109-04	6948201	1804	Chrysotile	19.2	0.0041
0109-05	6948202	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1836

Instrument (I, II, III) I

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: Synertech Inc.
228 Moore Street
Philadelphia, PA 19148
Client No.: SYN177

Batch No.: 607527
Project: McClure ES
Project No.: 010-4541
Philly Regs: Y
Turn-Around Time: 6 Hour Rush

Client Contacts:		Laboratory Contacts:	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/9/2020	Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/9/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0109-09	6948206	1804	None Detected	< 19.2	< 0.0041
BRB-0109-10	6948207	1804	None Detected	< 19.2	< 0.0041
BRB-0109-11	6948208	1804	None Detected	< 19.2	< 0.0041
BRB-0109-12	6948209	1804	None Detected	< 19.2	< 0.0041
BRB-0109-13	6948210	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1836

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607527
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/9/2020	Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/9/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0109-14	6948211	1804	None Detected	< 19.2	< 0.0041
BRB-0109-15	6948212	1804	None Detected	< 19.2	< 0.0041
BRB-0109-16	6948213	1804	None Detected	< 19.2	< 0.0041
BRB-0109-17	6948214	1804	None Detected	< 19.2	< 0.0041
BRB-0109-18	6948215	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00554 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1836

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: Synertech Inc.
228 Moore Street
Philadelphia, PA 19148
Client No.: SYN177

Batch No.: 607527
Project: McClure ES
Project No.: 010-4541
Philly Regs: Y
Turn-Around Time: 6 Hour Rush

Client Contacts:		Laboratory Contacts:	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/9/2020	Time:	
Samples Rec'd at Laboratory:	L. D'Ornellas	Date:	1/9/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/9/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0109-19	6948216	1804	None Detected	< 19.2	< 0.0041
BRB-0109-20	6948217	1804	None Detected	< 19.2	< 0.0041
BRB-0109-21	6948218	1804	Chrysotile	19.2	0.0041

AHERA Clearance Criteria is **70** s/mm².
Phila. Regulations Clearance Criteria is 0.00467 s/cc
Z Test Reults (see attached, if applicable)

Average (s/mm²) = 19.2
Geo = 0.0041

Grid Box #: 1836

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6948198
Client No.: BRB-0109-01
Volume: 1804.0 L
Location: High Vol In Playground Vestibule Entrance Stairs
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948199
Client No.: BRB-0109-02
Volume: 1804.0 L
Location: High Vol In Playground Vestibule Entrance Stairs
Date Sampled: 1/09/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6948200
Client No.: BRB-0109-03
Volume: 1804.0 L
Location: High Vol In Playground Vestibule Entrance Stairs
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948201
Client No.: BRB-0109-04
Volume: 1804.0 L
Location: High Vol In Playground Vestibule Entrance Stairs
Date Sampled: 1/09/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6948202
Client No.: BRB-0109-05
Volume: 1804.0 L
Location: High Vol In Playground Vestibule Entrance Stairs
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Dated : 1/13/2020 3:58:29

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6948206
Client No.: BRB-0109-09
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948207
Client No.: BRB-0109-10
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948208
Client No.: BRB-0109-11
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948209
Client No.: BRB-0109-12
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948210
Client No.: BRB-0109-13
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6948211
Client No.: BRB-0109-14
Volume: 1804.0 L
Location: High Vol In Playground Stairs Vestibule Entrance Outside
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6948212
Client No.: BRB-0109-15
Volume: 1804.0 L
Location: High Vol In Playground Stairs Vestibule Entrance Outside
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948213
Client No.: BRB-0109-16
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948214
Client No.: BRB-0109-17
Volume: 1804.0 L
Location: High Vol In Playground Stairs Between 1st And 2nd Levels
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948215
Client No.: BRB-0109-18
Volume: 1804.0 L
Location: High Vol In Playground Stairs Vestibule Entrance Outside
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6948216
Client No.: BRB-0109-19
Volume: 1804.0 L
Location: High Vol In 1st Floor Hall By Main Office
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6948217
Client No.: BRB-0109-20
Volume: 1804.0 L
Location: High Vol In 1st Floor Hall By Cafeteria Door #2 And #3
Date Sampled: 1/09/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6948218
Client No.: BRB-0109-21

Volume: 1804.0 L
Location: High Vol In 1st Floor Hall By Cafeteria Door #4
Date Sampled: 1/09/20

Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948198
Client No.: BRB-0109-01

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Vestibule Entrance Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948199
Client No.: BRB-0109-02

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Vestibule Entrance Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number: DP 5758
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948200
Client No.: BRB-0109-03

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Vestibule Entrance Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948201
Client No.: BRB-0109-04

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Vestibule Entrance Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948202
Client No.: BRB-0109-05

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Vestibule Entrance Stairs

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Craig Liska

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948206
Client No.: BRB-0109-09

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948207
Client No.: BRB-0109-10

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948208
Client No.: BRB-0109-11

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948209
Client No.: BRB-0109-12

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948210
Client No.: BRB-0109-13

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6948211
Client No.: BRB-0109-14

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Vestibule Entrance Outside

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948212
Client No.: BRB-0109-15

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Vestibule Entrance Outside

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948213
Client No.: BRB-0109-16

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948214
Client No.: BRB-0109-17

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Between 1st And 2nd Levels

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948215
Client No.: BRB-0109-18

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In Playground Stairs Vestibule Entrance Outside

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948216
Client No.: BRB-0109-19

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In 1st Floor Hall By Main Office

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6948217
Client No.: BRB-0109-20

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In 1st Floor Hall By Cafeteria Door #2 And #3

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/9/2020
Report No.: 607527 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6948218
Client No.: BRB-0109-21

Volume (L): 1804.0 L
Date Sampled: 1/09/20
Location: High Vol In 1st Floor Hall By Cafeteria Door #4

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/9/2020
Date Analyzed: 01/09/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MEDURE E.S. Date: 1-10-2020

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: INTL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AMS -0110-01	HIGH VOL IN BASEMENT ENCLOSURE AUT REAR SIDE.	3-A	901AM	201PM	180	10.02	10.02	1804	6949287	
AMS -0110-02	HIGH VOL IN BASEMENT ENCLOSURE AUT REAR SIDE.	3-A	901AM	201PM	180	10.02	10.02	1804	6949288	
AMS -0110-03	HIGH VOL IN BASEMENT ENCLOSURE AUT REAR SIDE	3-A	901AM	201PM	180	10.02	10.02	1804	6949289	
AMS -0110-04	HIGH VOL IN BASEMENT ENCLOSURE AUT REAR SIDE	3-A	902AM	202PM	180	10.02	10.02	1804	6949290	
AMS -0110-05	HIGH VOL IN BASEMENT ENCLOSURE AUT SIDE SIDE	3-A	902AM	202PM	180	10.02	10.02	1804	6949291	
AMS -0110-06	HIGH VOL MARSHALL ST STAIRS BETWEEN 1ST AND 2ND LEVEL	3-N	905AM	205PM	180	10.02	10.02	1804	6949292	
AMS -0110-07	HIGH VOL ON 1ST FLOOR IN STAIRWELL FOR MARSHALL ST.	3-N	905AM	205PM	180	10.02	10.02	1804	6949293	
AMS -0110-08	HIGH VOL ENTRANCE VESTIBULE MARSHALL ST	3-N	905AM	205PM	180	10.02	10.02	1804	6949294	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-10-2020

Transmitted to Lab By: [signature] Date: 1-10-2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] 1/10/20 Date: ____

RECEIVED JAN 10 2020

RUR 1-13-20

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MCGUIRE E.S. Date: 1-10-2020

Project Number: 010 4541 Rotometer No.: HVR 18 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEOMEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
BAB -0110-09	HIGH VOLOUTSIDE DOWN FOR BASEMENT ENCLOSURE ADJ BOOK SIDE.	3-N	906AM	1206PM	180	10.02	10.02	1804	6949295	
BAB -0110-10	HIGH VOLOUTSIDE DOWN FOR BASEMENT ENCLOSURE ADJ BOOK SIDE.	3-N	906AM	1206PM	180	10.02	10.02	1804	6949296	
- -										
- -										
- -										
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-10-2020

Transmitted to Lab By: [signature] Date: 1-10-2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: PB 1/10/20 Date: ____

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: McCLURE E.S. Date: 1-10-2020

Project Number: 010-4541 Rotometer No.: HVR 189 LVR ____

Laboratory: TAL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
AIR -0110-11	HIGH VOL IN 6TH STREET VESTIBULE ENTRANCE LEFT SIDE.	3-A	1222 PM	322 PM	180	10.02	10.02	1804	6949297	
AIR -0110-12	HIGH VOL IN 6TH STREET VESTIBULE ENTRANCE LEFT SIDE	3-A	1222 PM	322 PM	180	10.02	10.02	1804	6949298	
AIR -0110-13	HIGH VOL IN 6TH STREET VESTIBULE ENTRANCE LEFT SIDE	3-A	1223 PM	323 PM	180	10.02	10.02	1804	6949299	
AIR -0110-14	HIGH VOL IN 6TH STREET VESTIBULE ENTRANCE. LEFT SIDE	3-A	1222 PM	323 PM	180	10.02	10.02	1804	6949300	
AIR -0110-15	HIGH VOL IN 6TH STREET VESTIBULE ENTRANCE. LEFT SIDE.	3-A	1222 PM	323 PM	180	10.02	10.02	1804	6949301	
AIR -0110-16	HIGH VOL OUTSIDE DOOR FOR 6TH SIDE HALL.	3-N	1225 PM	325 PM	180	10.02	10.02	1804	6949302	
AIR -0110-17	HIGH VOL VESTIBULE ENTRANCE FOR 6TH STREET	3-N	1225 PM	325 PM	180	10.02	10.02	1804	6949303	
AIR -0110-18	HIGH VOL VESTIBULE ENTRANCE FOR 6TH STREET.	3-N	1226 PM	326 PM	180	10.02	10.02	1804	6949304	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-10-2020

Transmitted to Lab By: [signature] Date: 1-10-2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] 1/10/20 Date: ____

Synertech inc.
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Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: Hubbard E.S. Date: 1-10-2020

Project Number: 010-4541 Rotometer No.: HVR 188 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO GEO MEAN

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
BMB-0110-19	HIGH VOL 1ST FLOOR BY 6TH STREET ENTRANCE	3-W	326Hr	326Hr	180	10.02	10.02	1804	6949305	
BMB-0110-20	HIGH VOL IN 6TH STREET STAIRWELL 1ST FLOOR	3-W	326Hr	326Hr	180	10.02	10.02	1804	6949306	
BMB-0110-21	FIELD BLANK	/	/	/	/	/	/	/	6949307	
BMB-0110-22	FIELD BLANK	/	/	/	/	/	/	/	6949308	
BMB-0110-23	SEALED BLANK	/	/	/	/	/	/	/	6949309	
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: ____ at: ____

Samples Collected By: [signature] Date: 1-10-2020

Transmitted to Lab By: [signature] Date: 1-10-2020

Received in Lab By: ____ Date: ____

Samples Analyzed By: [signature] 1/10/20 Date: ____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607597
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4547
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:		Date:		Time:	
Samples Analyzed:	T. Barkley	Date:	1/10/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0110-01	6949287	1804	None Detected	< 19.2	< 0.0041
BRB-0110-02	6949288	1804	None Detected	< 19.2	< 0.0041
BRB-0110-03	6949289	1804	None Detected	< 19.2	< 0.0041
BRB-0110-04	6949290	1804	Chrysotile	19.2	0.0041
BRB-0110-05	6949291	1804	None Detected	< 19.2	< 0.0041
BRB-0110-06	6949292	1804	None Detected	< 19.2	< 0.0041
BRB-0110-07	6949293	1804	None Detected	< 19.2	< 0.0041
BRB-0110-08	6949294	1804	None Detected	< 19.2	< 0.0041
BRB-0110-09	6949295	1804	Chrysotile	19.2	0.0041
BRB-0110-10	6949296	1804	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1836

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607597
	228 Moore Street	Project:	McClure ES
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:		Date:		Time:	
Samples Analyzed:	T. Barkley	Date:	1/10/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
BRB-0110-11	6949297	1804	Chrysotile	57.7	0.012
BRB-0110-12	6949298	1804	Chrysotile	38.5	0.0082
BRB-0110-13	6949299	1804	Chrysotile	19.2	0.0041
BRB-0110-14	6949300	1804	Chrysotile	19.2	0.0041
BRB-0110-15	6949301	1804	Chrysotile	19.2	0.0041
BRB-0110-16	6949302	1804	Chrysotile	38.5	0.0082
BRB-0110-17	6949303	1804	Chrysotile	19.2	0.0041
BRB-0110-18	6949304	1804	None Detected	< 19.2	< 0.0041
BRB-0110-19	6949305	1804	Chrysotile Amosite	38.5	0.0082
BRB-0110-20	6949306	1804	Chrysotile	38.5	0.0082

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 30.8
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.00602
Z Test Reults (see attached, if applicable)

Grid Box #: 1837

Instrument (I, II, III **III**

Sample analysis terminated. Set fails by Phila. Regulations. (Geometric mean > 0.00554 s/cc)

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949287
Client No.: BRB-0110-01
Volume: 1804.0 L
Location: High Vol. In Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949288
Client No.: BRB-0110-02
Volume: 1804.0 L
Location: High Vol. In Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949289
Client No.: BRB-0110-03
Volume: 1804.0 L
Location: High Vol. In Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949290
Client No.: BRB-0110-04
Volume: 1804.0 L
Location: High Vol. In Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949291
Client No.: BRB-0110-05
Volume: 1804.0 L
Location: High Vol. In Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949292
Client No.: BRB-0110-06
Volume: 1804.0 L
Location: High Vol. Marshall St. Stairs Between 1st And 2nd Level
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949293
Client No.: BRB-0110-07
Volume: 1804.0 L
Location: High Vol. On 1st Floor In Stairwell For Marshall St.
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949294
Client No.: BRB-0110-08
Volume: 1804.0 L
Location: High Vol. Entrance Vestibule Marshall St.
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949295
Client No.: BRB-0110-09
Volume: 1804.0 L
Location: High Vol. Outside Decon For Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949296
Client No.: BRB-0110-10
Volume: 1804.0 L
Location: High Vol. Outside Decon For Basement Enclosure Art Room Side
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Lab No.: 6949297
Client No.: BRB-0110-11
Volume: 1804.0 L
Location: High Vol. In 6th St. Vestibule Entrance Left Side
Date Sampled: 1/10/20
Density (s/mm²): 57.7
Concentration (s/cc): 0.012
Asbestos Type(s): Chrysotile

Lab No.: 6949298
Client No.: BRB-0110-12
Volume: 1804.0 L
Location: High Vol. In 6th St. Vestibule Entrance Left Side
Date Sampled: 1/10/20
Density (s/mm²): 38.5
Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949299
Client No.: BRB-0110-13
Volume: 1804.0 L
Location: High Vol. In 6th St. Vestibule Entrance Left Side
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949300
Client No.: BRB-0110-14
Volume: 1804.0 L
Location: High Vol. In 6th St. Vestibule Entrance Left Side
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949301
Client No.: BRB-0110-15
Volume: 1804.0 L
Location: High Vol. In 6th St. Vestibule Entrance Left Side
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949302
Client No.: BRB-0110-16
Volume: 1804.0 L
Location: High Vol. Outside Decon For Gym Side Hall
Date Sampled: 1/10/20
Density (s/mm²): 38.5
Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile

Lab No.: 6949303
Client No.: BRB-0110-17
Volume: 1804.0 L
Location: High Vol. Vestibule Entrance For 6th St.
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949304
Client No.: BRB-0110-18
Volume: 1804.0 L
Location: High Vol. Vestibule Entrance For 6th St.
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949305
Client No.: BRB-0110-19

Volume: 1804.0 L
Location: High Vol. 1st Floor By 6th St. Entrance
Date Sampled: 1/10/20

Density (s/mm²): 38.5
Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile Amosite

Lab No.: 6949306
Client No.: BRB-0110-20

Volume: 1804.0 L
Location: High Vol. In 6th St. Stairwell 1st Floor
Date Sampled: 1/10/20

Density (s/mm²): 38.5
Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile

Geometric Mean = 0.00602 Structures/cc
Note: Sample analysis terminated. Clearance criteria exceeded (geometric mean >0.00554 s/cc). Set fails by Philadelphia Regulations.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client:	Synertech Inc.	Report Date:	1/10/2020
	228 Moore Street	Report No.:	607597 - TEM AHERA
	Philadelphia PA 19148	Project:	McClure ES
		Project No.:	010-4541
Client:	SYN177		

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager:wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

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This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:
- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949287
Client No.: BRB-0110-01

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949288
Client No.: BRB-0110-02

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949289
Client No.: BRB-0110-03

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949290
Client No.: BRB-0110-04

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949291
Client No.: BRB-0110-05

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949292
Client No.: BRB-0110-06

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Marshall St. Stairs Between 1st And 2nd Level

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949293
Client No.: BRB-0110-07

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. On 1st Floor In Stairwell For Marshall St.

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949294
Client No.: BRB-0110-08

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Entrance Vestibule Marshall St.

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
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Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949295
Client No.: BRB-0110-09

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Outside Decon For Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949296
Client No.: BRB-0110-10

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Outside Decon For Basement Enclosure Art Room Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949297
Client No.: BRB-0110-11

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In 6th St. Vestibule Entrance Left Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 3

Structures 0.5 µm to <5.0 µm: 3
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 57.7
Structure Concentration (s/cc): 0.012
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949298
Client No.: BRB-0110-12

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In 6th St. Vestibule Entrance Left Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 2

Structures 0.5 µm to <5.0 µm: 2
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 38.5
Structure Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949299
Client No.: BRB-0110-13

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In 6th St. Vestibule Entrance Left Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949300
Client No.: BRB-0110-14

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In 6th St. Vestibule Entrance Left Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949301
Client No.: BRB-0110-15

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In 6th St. Vestibule Entrance Left Side

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949302
Client No.: BRB-0110-16

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Outside Decon For Gym Side Hall

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 2

Structures 0.5 µm to <5.0 µm: 2
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 38.5
Structure Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
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Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949303
Client No.: BRB-0110-17

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Vestibule Entrance For 6th St.

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949304
Client No.: BRB-0110-18

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. Vestibule Entrance For 6th St.

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
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Telephone: 856-231-9449
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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/10/2020
Report No.: 607597 - TEM AHERA
Project: McClure ES
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949305
Client No.: BRB-0110-19

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. 1st Floor By 6th St. Entrance

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 2

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 38.5
Structure Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile
Amosite

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949306
Client No.: BRB-0110-20

Volume (L): 1804.0 L
Date Sampled: 1/10/20
Location: High Vol. In 6th St. Stairwell 1st Floor

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 2

Structures 0.5 µm to <5.0 µm: 2
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 38.5
Structure Concentration (s/cc): 0.0082
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.00602 Structures/cc
Note: Sample analysis terminated. Clearance criteria exceeded (geometric mean >0.00554 s/cc). Set fails by Philadelphia Regulations.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/10/2020
Signature:
Analyst: Tom Barkley

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: Basement 6th St McClure Elementary Date: 1-10-20

Project Number: 010-45911 Rotometer No.: HVR 1 LVR ____

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ATS-01-10-01	IN Basement Containment near Marshall St. Stair	3A	3:14 PM	6:14 PM	180	10	10	1800	6949365	
ATS-01-10-02	IN Kindergarten 011	3A	3:14 PM	6:14 PM	180	10	10	1800	6949366	
ATS-01-10-03	IN Basement Near Boiler Room door	3A	3:14 PM	6:14 PM	180	10	10	1800	6949367	
ATS-01-10-04	IN Basement Near decon	3A	3:14 PM	6:14 PM	180	10	10	1800	6949368	
ATS-01-10-05	IN Basement Hallway Between SW 1 + SW 9	3A	3:14 PM	6:14 PM	180	10	10	1800	6949369	
ATS-01-10-06	QC Blank Field Do not analyze								6949370	
ATS-01-10-07	QC Blank Field Do not analyze								6949371	
ATS-01-10-08	QC Blank Sealed Do not Analy								6949372	

RECEIVED JAN 10 2020 IATL - Bay

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ____

6 Hour TAT Contact: Ryan Hartzell at: ____

Samples Collected By: [signature] Date: 1-10-20

Transmitted to Lab By: [signature] Date: 1-10-20

Received in Lab By: ____ Date: ____

Samples Analyzed By: Satya C Date: 1/11/20

RUK 1-13-20

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607603
	228 Moore Street	Project:	BASEMENT 6TH ST MCCLURE
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:					
Samples Taken in Field:		Date:		Time:	
Samples Rec'd at Laboratory:	C. Enoch	Date:	1/10/2020	Time:	
Samples Analyzed:	S. Chinnamaneni	Date:	1/11/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
ATS 0110 01	6949365	1800	None Detected	< 19.2	< 0.0041
ATS 0110 02	6949366	1800	Amosite	19.2	0.0041
ATS 0110 03	6949367	1800	Chrysotile	19.2	0.0041
ATS 0110 04	6949368	1800	None Detected	< 19.2	< 0.0041
ATS 0110 05	6949369	1800	Chrysotile	19.2	0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1835

Instrument (I, II, III **II**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/11/2020
Report No.: 607603 - TEM AHERA
Project: McClure Elementary; Basement 6th St.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949365
Client No.: ATS-0110-01
Volume: 1800.0 L
Location: In Basement Containment Near Marshall St. Stair
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949366
Client No.: ATS-0110-02
Volume: 1800.0 L
Location: In Kindergarten 011
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Amosite

Lab No.: 6949367
Client No.: ATS-0110-03
Volume: 1800.0 L
Location: In Basement Near Boiler Room Door
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Lab No.: 6949368
Client No.: ATS-0110-04
Volume: 1800.0 L
Location: In Basement Near Decon
Date Sampled: 1/10/20
Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949369
Client No.: ATS-0110-05
Volume: 1800.0 L
Location: In Basement Hallway Between SW 1 And SW 9
Date Sampled: 1/10/20
Density (s/mm²): 19.2
Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/11/2020
Signature: Satya Vani
Analyst: Satya Chinnamaneni

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Dated : 1/13/2020 3:58:43

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/11/2020
Report No.: 607603 - TEM AHERA
Project: McClure Elementary; Basement 6th St.
Project No.: 010-4541

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager:wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:
- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/11/2020
Report No.: 607603 - TEM AHERA
Project: McClure Elementary; Basement 6th St.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949365
Client No.: ATS-0110-01

Volume (L): 1800.0 L
Date Sampled: 1/10/20
Location: In Basement Containment Near Marshall St. Stair

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949366
Client No.: ATS-0110-02

Volume (L): 1800.0 L
Date Sampled: 1/10/20
Location: In Kindergarten 011

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID: 7:31:59AM

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Amosite

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949367
Client No.: ATS-0110-03

Volume (L): 1800.0 L
Date Sampled: 1/10/20
Location: In Basement Near Boiler Room Door

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: 1
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: 1

Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Non-Asbestos Type(s): CaS - Gypsum

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/11/2020
Signature: Satya Vani
Analyst: Satya Chinnamaneni

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/11/2020
Report No.: 607603 - TEM AHERA
Project: McClure Elementary; Basement 6th St.
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949368
Client No.: ATS-0110-04

Volume (L): 1800.0 L
Date Sampled: 1/10/20
Location: In Basement Near Decon

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949369
Client No.: ATS-0110-05

Volume (L): 1800.0 L
Date Sampled: 1/10/20
Location: In Basement Hallway Between SW 1 And SW 9

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: 1

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: 1
Structure Density (s/mm²): 19.2
Structure Concentration (s/cc): 0.0041
Asbestos Type(s): Chrysotile

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/10/2020
Date Analyzed: 01/11/2020

Signature: Satya Vani
Analyst: Satya Chinnamaneni

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

P. 5-5

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: Millard School
Date: 1-12-20
Project Number: 016-4647
Rotometer No.: HVR 10 LVR C
Laboratory: IATL
Analysis: TEM
Phila. Requirements: ☒ YES ☐ NO
AHERA

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
SM-0112-14	Classroom 310, center of room	1R	9:14 AM	12:14 PM	180 min	10.0 LPM	10.0 LPM	1800	6949491	
SM-0112-15	3rd floor hall O/S classroom 308	1R	9:15 AM	12:15 PM	180 min	10.0 LPM	10.0 LPM	1800	6949492	
SM-0112-16	3rd floor hall O/S classroom 303	1R	9:17 AM	12:17 PM	180 min	10.0 LPM	10.0 LPM	1800	6949493	
SM-0112-17	3rd floor hall O/S classroom 305	1R	9:17 AM	12:17 PM	180 min	10.0 LPM	10.0 LPM	1800	6949494	
SM-0112-18	Center of class room 306A	1R	9:18 AM	12:18 PM	180 min	10.0 LPM	10.0 LPM	1800	6949495	
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other ______

6 Hour TAT Contact: Ryan at: ______
Samples Collected By: S. Merlino Date: 1-12-20
Transmitted to Lab By: S. Merlino Date: 1-12-20
Received in Lab By: ______ Date: ______
Samples Analyzed By: JJ 1/12/20 Date: ______

RECEIVED JAN 12 2020 ATL By SW

QA: KDMurphy 1/13/2020

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607619
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/12/2020	Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/12/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/12/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
SJM-0112-14	6949491	1800	None Detected	< 19.2	< 0.0041
SJM-0112-15	6949492	1800	None Detected	< 19.2	< 0.0041
SJM-0112-16	6949493	1800	None Detected	< 19.2	< 0.0041
SJM-0112-17	6949494	1800	None Detected	< 19.2	< 0.0041
SJM-0112-18	6949495	1800	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1838

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607619 - TEM AHERA
Project: McClure Elementary
Project No.: 0104541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949491 | **Volume:** 1800.0 L | **Density (s/mm²):** <19.2
Client No.: SJM-0112-14 | **Location:** Classroom 310 Center Of Room | **Concentration (s/cc):** <0.0041
Date Sampled: 1/12/20 | **Asbestos Type(s):** None Detected

Lab No.: 6949492 | **Volume:** 1800.0 L | **Density (s/mm²):** <19.2
Client No.: SJM-0112-15 | **Location:** 3rd Floor Hall 0/S Classroom 308 | **Concentration (s/cc):** <0.0041
Date Sampled: 1/12/20 | **Asbestos Type(s):** None Detected

Lab No.: 6949493 | **Volume:** 1800.0 L | **Density (s/mm²):** <19.2
Client No.: SJM-0112-16 | **Location:** 3rd Floor Hall 0/S Classroom 303 | **Concentration (s/cc):** <0.0041
Date Sampled: 1/12/20 | **Asbestos Type(s):** None Detected

Lab No.: 6949494 | **Volume:** 1800.0 L | **Density (s/mm²):** <19.2
Client No.: SJM-0112-17 | **Location:** 3rd Floor Hall 0/S Classroom 305 | **Concentration (s/cc):** <0.0041
Date Sampled: 1/12/20 | **Asbestos Type(s):** None Detected

Lab No.: 6949495 | **Volume:** 1800.0 L | **Density (s/mm²):** <19.2
Client No.: SJM-0112-18 | **Location:** Center Of Classroom 306A | **Concentration (s/cc):** <0.0041
Date Sampled: 1/12/20 | **Asbestos Type(s):** None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Dated : 1/13/2020 3:59:13

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client:	Synertech Inc.	Report Date:	1/12/2020
	228 Moore Street	Report No.:	607619 - TEM AHERA
	Philadelphia PA 19148	Project:	McClure Elementary
		Project No.:	0104541
Client:	SYN177		

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager:wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:
- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607619 - TEM AHERA
Project: McClure Elementary
Project No.: 0104541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949491
Client No.: SJM-0112-14

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Classroom 310 Center Of Room

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949492
Client No.: SJM-0112-15

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: 3rd Floor Hall 0/S Classroom 308

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949493
Client No.: SJM-0112-16

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: 3rd Floor Hall 0/S Classroom 303

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607619 - TEM AHERA
Project: McClure Elementary
Project No.: 0104541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949494
Client No.: SJM-0112-17

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: 3rd Floor Hall 0/S Classroom 305

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949495
Client No.: SJM-0112-18

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Center Of Classroom 306A

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MCCLURE SCHOOL Date: 1-12-20

Project Number: 016-4541 Rotometer No.: HVR D LVR L

Laboratory: ATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
SSM-0112-01	STAIRWELL 1, VESTIBULE ENCLOSURE	3A	9:02 AM	12:02 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949496	
SSM-0112-02	" "	3A	9:02 AM	12:02 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949497	
SSM-0112-03	" "	3A	9:03 AM	12:03 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949498	
SSM-0112-04	STAIRWELL 1, VESTIBULE ENCLOSURE	3A	9:03 AM	12:03 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949499	
SSM-0112-05	" "	3A	9:04 AM	12:04 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949500	
SSM-0112-06	STAIRWELL 1, BSMT LANDING	3N / 1K	9:10 AM	12:10 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949501	
SSM-0112-07	STAIRWELL 1, O/S VESTIBULE ENCLOSURE	3N / 1K	9:11 AM	12:11 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949502	
SSM-0112-08	STAIRWELL 1, 1ST FLOOR STAIR LANDING	3N / 1K	9:11 AM	12:11 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949503	

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other _____

6 Hour TAT Contact: _____ at: _____

Samples Collected By: S. MARINO Date: 1-12-20

Transmitted to Lab By: S. MARINO JAN 12 2020 Date: 1-12-20

Received in Lab By: _____ Date: _____

Samples Analyzed By: ~~S. MARINO~~ ATL - BY Date: ~~1-12-20~~

analyzed: JJ 1/12/20

QA: KM 1/13/20

F. C7

Synertech Inc.
ENVIRONMENTAL CONSULTING
228 Moore Street • Philadelphia, Pennsylvania 19148
Phone 215-755-2305 • Fax 215-755-2405
www.gosynertech.com

Project: MILLWORK SCHOOL Date: 1-12-20

Project Number: 010-45411 Rotometer No.: HVR 0 LVR C

Laboratory: IATL Analysis: TEM Phila. Requirements: ☒ YES ☐ NO

AHERA

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES			TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
SSM01R-09	STAIRWELL 1, 2ND FLOOR STAIR LANDING	1R / 3N	9:12 AM	12:12 PM	180 MIN	10.0 LPM	10.0 LPM	1800	6949504	
SSM-01R-10	STAIRWELL 1, 3RD FLOOR STAIR LANDING	1R / 3R	9:12 AM	12:12 PM	120 MIN	10.0 LPM	10.0 LPM	1800	6949505	
SSM01R-11	BLANK							→	6949506	
SSM01R-12	BLANK							→	6949507	
SSM01R-13	BLANK							→	6949508	
- -										
- -										
- -										

Sampling Codes

1 Diagnostic
2 Preliminary
3 Clearance/Final
4 Personnel Work Area
5 Environmental Work Area
6 Personnel Clean Area
7 Environmental Clean Area

A Aggressive
N Normal
E Excursion
T TWA
R Representative

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other _____

6 Hour TAT Contact: RYAN at: _____

Samples Collected By: S. MOLINO Date: 1-12-20

Transmitted to Lab By: S. MOLINO Date: 1-12-20

Received in Lab By: _____ Date: _____

Samples Analyzed By: _____ Date: _____

IATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client:	Synertech Inc.	Batch No.:	607620
	228 Moore Street	Project:	McClure Elementary
	Philadelphia, PA 19148	Project No.:	010-4541
Client No.:	SYN177	Philly Regs:	Y
		Turn-Around Time:	6 Hour Rush

Client Contacts:		**Laboratory Contacts:**	
Contacts:		Contacts:	Frank E. Ehrenfeld III
Phone:		Phone:	(856) 231-9449
Fax:		Fax:	(856) 231-9818
Cell/Pager:		Cell/Pager:	(609) 929-4211
E-Mail:		E-Mail:	frankehrenfeld@iatl.com

Chain of Custody:

Samples Taken in Field:	Client	Date:	1/12/2020	Time:	
Samples Rec'd at Laboratory:	S. Glanville	Date:	1/12/2020	Time:	
Samples Analyzed:	J. Jeon	Date:	1/12/2020	Time:	
Preliminary Results Faxed:		Date:		Time:	
Preliminary Results E-Mail:		Date:		Time:	

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm²	Results s/cc
SJM-0112-01	6949496	1800	None Detected	< 19.2	< 0.0041
SJM-0112-02	6949497	1800	None Detected	< 19.2	< 0.0041
SJM-0112-03	6949498	1800	None Detected	< 19.2	< 0.0041
SJM-0112-04	6949499	1800	None Detected	< 19.2	< 0.0041
SJM-0112-05	6949500	1800	None Detected	< 19.2	< 0.0041
SJM-0112-06	6949501	1800	None Detected	< 19.2	< 0.0041
SJM-0112-07	6949502	1800	None Detected	< 19.2	< 0.0041
SJM-0112-08	6949503	1800	None Detected	< 19.2	< 0.0041
SJM-0112-09	6949504	1800	None Detected	< 19.2	< 0.0041
SJM-0112-10	6949505	1800	None Detected	< 19.2	< 0.0041

AHERA Clerance Criteria is **70** s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc based on 5 samples Geo = 0.0041
Z Test Reults (see attached, if applicable)

Grid Box #: 1838

Instrument (I, II, III **III**

These preliminary results are issued by IATL to expedite procedures by the clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificates of Analysis will follow these preliminary results. The signed COAs are to be considered the official results.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607620 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949496 **Client No.:** SJM-0112-01	**Volume:** 1800.0 L **Location:** Stairwell 1, Vestibule Enclosure **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949497 **Client No.:** SJM-0112-02	**Volume:** 1800.0 L **Location:** Stairwell 1, Vestibule Enclosure **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949498 **Client No.:** SJM-0112-03	**Volume:** 1800.0 L **Location:** Stairwell 1, Vestibule Enclosure **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949499 **Client No.:** SJM-0112-04	**Volume:** 1800.0 L **Location:** Stairwell 1, Vestibule Enclosure **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949500 **Client No.:** SJM-0112-05	**Volume:** 1800.0 L **Location:** Stairwell 1, Vestibule Enclosure **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949501 **Client No.:** SJM-0112-06	**Volume:** 1800.0 L **Location:** Stairwell 1, Basement Landing **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949502 **Client No.:** SJM-0112-07	**Volume:** 1800.0 L **Location:** Stairwell 1, O/S Vestibule Enclosure **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected
Lab No.: 6949503 **Client No.:** SJM-0112-08	**Volume:** 1800.0 L **Location:** Stairwell 1, 1st Floor Stair Landing **Date Sampled:** 1/12/20	**Density (s/mm²):** <19.2 **Concentration (s/cc):** <0.0041 **Asbestos Type(s):**None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

Dated : 1/13/2020 3:59:19

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607620 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS SUMMARY

Lab No.: 6949504
Client No.: SJM-0112-09

Volume: 1800.0 L
Location: Stairwell 1, 2nd Floor Landing
Date Sampled: 1/12/20

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Lab No.: 6949505
Client No.: SJM-0112-10

Volume: 1800.0 L
Location: Stairwell 1, 3rd Floor Landing
Date Sampled: 1/12/20

Density (s/mm²): <19.2
Concentration (s/cc): <0.0041
Asbestos Type(s): None Detected

Geometric Mean = 0.0041 Structures/cc

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client:	Synertech Inc.	Report Date:	1/12/2020
	228 Moore Street	Report No.:	607620 - TEM AHERA
	Philadelphia PA 19148	Project:	McClure Elementary
		Project No.:	010-4541
Client:	SYN177		

Appendix to Analytical Report:

Customer Contact: Jacqueline McMahon
Method: 40 CFR 763 Final Rule

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager:wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Matrix: Air Cassettes

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by 40 CFR 763 Final Rule

Certifications:
- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Detection Limit (Reporting Limit) is dependent upon the volume of air sampled. AHERA guidelines recommend a minimum of 1200 L (0.0049 s/cc).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation.

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607620 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949496
Client No.: SJM-0112-01

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, Vestibule Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949497
Client No.: SJM-0112-02

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, Vestibule Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949498
Client No.: SJM-0112-03

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, Vestibule Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607620 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949499
Client No.: SJM-0112-04

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, Vestibule Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949500
Client No.: SJM-0112-05

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, Vestibule Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949501
Client No.: SJM-0112-06

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, Basement Landing

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Synertech Inc.
228 Moore Street
Philadelphia PA 19148

Client: SYN177

Report Date: 1/12/2020
Report No.: 607620 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949502
Client No.: SJM-0112-07

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, O/S Vestibule Enclosure

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949503
Client No.: SJM-0112-08

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, 1st Floor Stair Landing

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Lab No.: 6949504
Client No.: SJM-0112-09

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, 2nd Floor Landing

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
Analyst: Jhoon Jeon

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Client: Synertech Inc.
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Client: SYN177

Report Date: 1/12/2020
Report No.: 607620 - TEM AHERA
Project: McClure Elementary
Project No.: 010-4541

TEM AIR SAMPLE ANALYSIS DETAILS

Lab No.: 6949505
Client No.: SJM-0112-10

Grid Openings: 4
Opening Area (mm²): 0.013
Area Analyzed (mm²): 0.0520
Sensitivity (s/mm²): 19.2
Detection Limit (s/cc): 0.0041

Micrograph Number:
EDXA Spectrum ID:

Geometric Mean = 0.0041 Structures/cc

Volume (L): 1800.0 L
Date Sampled: 1/12/20
Location: Stairwell 1, 3rd Floor Landing

Asbestos Structures: None Detected

Structures 0.5 µm to <5.0 µm: None Detected
Structures ≥ 5.0 µm: None Detected
Structure Density (s/mm²): ≤19.2
Structure Concentration (s/cc): ≤0.0041
Asbestos Type(s): None Detected

Filter Type: MCE
Filter Size (mm²): 385
Pore Size (µm): 0.45

Non-Asbestos Structures: None Detected

Structure Density (s/mm²): <19.2
Structure Concentration (s/cc): <0.0041
Non-Asbestos Type(s): None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/12/2020
Date Analyzed: 01/12/2020
Signature:
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Frank E. Ehrenfeld, III
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