

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: Synertech Inc.
228 Moore Street
Philadelphia, PA 19148
Client No.: SYN177

Batch No.: 603036
Project: Benjamin Franklin High School
Project No.: 010-4507
Philly Regs: Y
Turn-Around Time: 6 Hour Rush

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

Chain of Custody:			
Samples Taken in Field:	<u>Client</u>	Date: <u>10/26/2019</u>	Time: _____
Samples Rec'd at Laboratory:	<u>SG</u>	Date: <u>10/27/2019</u>	Time: _____
Samples Analyzed:	<u>J. Jeon</u>	Date: <u>10/27/2019</u>	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/mm ²	Results s/cc
ATS-1026-01	6908333	1800	None Detected	< 19.2	< 0.0041
ATS-1026-02	6908334	1800	None Detected	< 19.2	< 0.0041
ATS-1026-03	6908335	1800	None Detected	< 19.2	< 0.0041
ATS-1026-04	6908336	1800	None Detected	< 19.2	< 0.0041
ATS-1026-05	6908337	1800	None Detected	< 19.2	< 0.0041
ATS-1026-06	6908338	1800	None Detected	< 19.2	< 0.0041
ATS-1026-07	6908339	1800	None Detected	< 19.2	< 0.0041
ATS-1026-08	6908340	1800	None Detected	< 19.2	< 0.0041
ATS-1026-09	6908341	1800	None Detected	< 19.2	< 0.0041
ATS-1026-10	6908342	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 based on 5 samples Geo = 0.0041
Z Test Results (see attached, if applicable)

Grid Box #: 1767

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.

771-5511 m v w u m a l h . c o m



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

Project: Benjamin Franklin #3 Date: 10-26-19
Project Number: 010-4507 Rotometer No.: HVR 1 LVR
Laboratory: IATL Analysis: TEWA 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-10-26-01	West side Attic	3A	7:16 PM	10:16 PM	180	10	10	1800	6908333	
	Over Locker Room									
	outside near Deco									
ATS-10-26-02	Outside of	3A	7:16 PM	10:16 PM	180	10	10	1800	6908334	
	West Attic									
	North									
ATS-10-26-03	Outside of	3A	7:16 PM	10:16 PM	180	10	10	1800	6908335	
	West Attic									
	South									
ATS-10-26-04	Outside	3A	7:16 PM	10:16 PM	180	10	10	1800	6908336	
	Locker Room									
	at top of steps									
ATS-10-26-05	Outside Locker	3A	7:16 PM	10:16 PM	180	10	10	1800	6908337	
	Room on 2nd									
	Landing of steps									
ATS-10-26-06	Attic over	3A	7:14 PM	10:14 PM	180	10	10	1800	6908338	
	West Locker Room									
	South									
ATS-10-26-07	Attic over	3A	7:14 PM	10:14 PM	180	10	10	1800	6908339	
	West Locker Room									
	East									
ATS-10-26-08	Attic over	3A	7:14 PM	10:14 PM	180	10	10	1800	6908340	
	West Locker Room									
	West									

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: Coutley Date: 10-26-19
Transmitted to Lab By: Coutley Date: 10-26-19
Received in Lab By: _____ Date: OCT 27 2019
Samples Analyzed By: JD Date: 10/27/19

AT. 2019 Sh 2019

Project: Bengamin Franklin ^{HS} Date: 10-26-19
Project Number: 010-4507 Rotometer No.: HVR 1 LVR
Laboratory: IATL Analysis: TE M Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

SAMPLES		TIME			CALIBRATION			ANALYTICAL	
No.	Location	Code	On	Off	Total	Start	Finish	Laboratory # Fibers/Fields	Results
ATS-10-26-09	Attic over West Locker Room Northeast	3A	7:16 PM	10:16 PM	180	10	10	6908341	
ATS-10-26-10	Attic over West Locker Room North	3A	7:16 PM	10:16 PM	180	10	10	6908342	
ATS-10-26-11	QC Blank Field							6908343	
ATS-10-26-12	Do not analyze QC Blank - sealed							6908344	
ATS-10-26-13	Do not analyze QC Blank Field							6908345	
-									
-									
-									

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

Turnaround Time (TAT): ☐ Immediate ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ Other _____
6 Hour TAT Contact: _____ at: _____
Samples Collected By: Antony L. Hall Date: 10-26-19
Transmitted to Lab By: Antony L. Hall Date: 10-26-19
Received in Lab By: _____ Date: _____
Samples Analyzed By: _____ Date: _____

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: OHCS Inc.
209 Catharine St.
Philadelphia, PA 19147
Client No.: OHC164

Batch No.: 603035
Project: Ben Franklin
Project No.: West Locker Room
Philly Regs: Y
Turn-Around Time: 12 Hour Rush

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

Chain of Custody:			
Samples Taken in Field:	<u>Client</u>	Date: <u>10/26/2019</u>	Time: _____
Samples Rec'd at Laboratory:	<u>SG</u>	Date: <u>10/27/2019</u>	Time: _____
Samples Analyzed:	<u>J. Jeon</u>	Date: <u>10/27/2019</u>	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/mm ²	Results s/cc
102619BEN01	6908323	1800	None Detected	< 19.2	< 0.0041
102619BEN02	6908324	1800	None Detected	< 19.2	< 0.0041
102619BEN03	6908325	1800	None Detected	< 19.2	< 0.0041
102619BEN04	6908326	1800	None Detected	< 19.2	< 0.0041
102619BEN05	6908327	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 Results (see attached, if applicable)

Grid Box #: 1767
Instrument (I, II, III) III

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PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

Client: OHCS Inc.
209 Catharine St.
Philadelphia, PA 19147
Client No.: OHC164

Batch No.: 603035
Project: Ben Franklin
Project No.: West Locker Room
Philly Regs: Y
Turn-Around Time: 12 Hour Rush

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Samples Rec'd at Laboratory:	<u>SG</u>	Date: <u>10/27/2019</u>	Time: _____
Samples Analyzed:	<u>J. Jeon</u>	Date: <u>10/27/2019</u>	Time: _____
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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/mm ²	Results s/cc
102619BEN06	6908328	1820	None Detected	< 19.2	< 0.0041
102619BEN07	6908329	1820	None Detected	< 19.2	< 0.0041
102619BEN08	6908330	1820	None Detected	< 19.2	< 0.0041
102619BEN09	6908331	1820	None Detected	< 19.2	< 0.0041
102619BEN10	6908332	1820	None Detected	< 19.2	< 0.0041

AHERA Clearance Criteria is **70 s/mm²**.

Average (s/mm²) = 19.2

Grid Box #: 1767

Phila. Regulations Clearance Criteria is 0.00554 s/cc

Geo = 0.0041

Z Test Results (see attached, if applicable)

Instrument (I, II, III) III

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OHCS Inc.

Occupational Health Consultation Services

209 Catharine Street, Philadelphia, PA 19147

Cell: 215-407-3900 Office: 215-925-3870 Fax: 215-925-3872

jroseman@ohcs.net

jroseman@ohcs.net

CHAIN OF CUSTODY - Air Samples

CLIENT: <u>PFT</u>	SITE: <u>BEN FRANKLIN</u>
PROJECT #: <u>WEST LOCKER RM</u>	PAGE #: <u>1 OF 1</u>
SAMPLED BY: <u>TIM DALEY</u>	DATE: <u>10.26.19</u>
CONTAMINANTS: <u>ASBESTOS</u>	ANALYSIS NEEDED BY: <u>12 NOV</u>

AGGRESSIVE LEAF BLOWN

4 AFOS

	SAMPLE #	VOLUME	TYPE	(5) COMMENTS	10/26/19	
1913	1	102619 BEN01	1800	TEM	INSIDE MECHANICAL ROOM WEST LOCKER	229083323
1913	2	102619 BEN02	1800		INSIDE MECHANICAL ROOM WEST LOCKER	229083324
1913	3	102619 BEN03	1800		INSIDE MECHANICAL ROOM WEST LOCKER	229083325
1914	4	102619 BEN04	1800		INSIDE MECHANICAL ROOM WEST LOCKER	229083326
1914	5	102619 BEN05	1800		INSIDE MECHANICAL ROOM WEST LOCKER	229083327
1914	6	102619 BEN06	1820		OUT SIDE WEST LOCKER SOUTH SIDE	229083328
1914	7	102619 BEN07	1820		OUT SIDE WEST LOCKER BY DELOW CENTER	229083329
1914	8	102619 BEN08	1820		OUT SIDE WEST LOCKER NORTH SIDE	229083330
1917	9	102619 BEN09	1820		OUT SIDE TOP OF STAIRS	229083331
1917	10	102619 BEN10	1820	✓	OUT SIDE BOTTOM OF STAIRS BY GYM.	229083332

SAMPLE PACKAGED AND SEALED BY: Tim DoleyDATE: 10.26.19 TIME: SENT TO: ATL

CONDITION UPON RECEIPT (DAMAGED / UNDAIMAGED):

*cassette recvd with missing bottom cap
possible contamination

RECEIVED

OCT 27 2019

ATL - By SLanalyzed: SS 10/27/19