

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

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

Batch No.: 602250
Project: Ben Franklin HS
Project No.: 010-4507
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:	DG	Date: 10/17/2019	Time: _____
Samples Analyzed:	C. Liska	Date: 10/17/2019	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
JRM1017-01	6900721	1960	None Detected	< 19.2	< 0.0038
JRM1017-02	6900722	1960	None Detected	< 19.2	< 0.0038
JRM1017-03	6900723	1960	None Detected	< 19.2	< 0.0038
JRM1017-04	6900724	1960	None Detected	< 19.2	< 0.0038
JRM1017-05	6900725	1960	None Detected	< 19.2	< 0.0038

AHERA Clearance Criteria is 70 s/mm². Average (s/mm²) = 19.2
Phila. Regulations Clearance Criteria is 0.00554 s/cc Geo = 0.0038
Z Test Results (see attached, if applicable)

Grid Box #: 1758

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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Samples Taken in Field:	_____	Date: _____	Time: _____
Samples Rec'd at Laboratory:	DG	Date: 10/17/2019	Time: _____
Samples Analyzed:	C. Liska	Date: 10/17/2019	Time: _____
Preliminary Results Faxed:	_____	Date: _____	Time: _____
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Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm ²	Results s/cc
JRM1017-09	6900729	1800	None Detected	< 19.2	< 0.0041
JRM1017-10	6900730	1800	None Detected	< 19.2	< 0.0041
JRM1017-11	6900731	1800	None Detected	< 19.2	< 0.0041
JRM1017-12	6900732	1800	None Detected	< 19.2	< 0.0041
JRM1017-13	6900733	1800	None Detected	< 19.2	< 0.0041
JRM1017-14	6900734	1800	None Detected	< 19.2	< 0.0041
JRM1017-15	6900735	1800	None Detected	< 19.2	< 0.0041
JRM1017-16	6900736	1800	None Detected	< 19.2	< 0.0041
JRM1017-17	6900737	1800	None Detected	< 19.2	< 0.0041
JRM1017-18	6900738	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 #: 1758

Instrument (I, II, III) I

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Project: BEN FRANKLIN H.S. Date: _____
Project Number: 010-4507 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
JR ¹⁰ M ¹ - ¹ ₇ -09	Boiler Room - Above Electrical Room WEST	3A	12:32 _p	3:32	180	10	10	1800	6900729	
JR ¹⁰ M ¹ - ¹ ₇ -10	Boiler Room - Above ELECTRICAL ROOM EAST	3A	12:32	3:32	180	10	10	1800	6900730	
JR ¹⁰ M ¹ - ¹ ₇ -11	Boiler Room WEST BY COLUMN 3C	3A	12:32	3:32	180	10	10	1800	6900731	
JR ¹⁰ M ¹ - ¹ ₇ -12	Boiler Room NW BY COLUMN 4C	3A	12:32	3:32	180	10	10	1800	6900732	
JR ¹⁰ M ¹ - ¹ ₇ -13	Boiler Room BY COLUMN 6C	3A	12:32	3:32	180	10	10	1800	6900733	
JR ¹⁰ M ¹ - ¹ ₇ -14	Boiler Room SE NEAR ELEVATOR	3A	12:32	3:32	180	10	10	1800	6900734	
JR ¹⁰ M ¹ - ¹ ₇ -15	Boiler Room AT BOTTOM OF STEPS FROM DECK	3A	12:32	3:32	180	10	10	1800	6900735	
JR ¹⁰ M ¹ - ¹ ₇ -16	Boiler Room - INSIDE ELECTRICAL ROOM EAST	3A	12:32	3:32	180	10	10	1800	6900736	

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: Bernie Bryson at: _____
Samples Collected By: Tony Stigall Date: 10-17-19
Transmitted to Lab By: J. Merritt Date: 10-17-19
Received in Lab By: _____ Date: _____
Samples Analyzed By: GMALDVA Date: 10/17/19



Project: BEN FRANKLIN H.S. Date: 10-17-2019
 Project Number: 010-4507 Rotometer No.: HVR LVR
 Laboratory: IATL Analysis: TIME Phila. Requirements: ☒ YES ☐ NO

AIR SAMPLE LOG & CHAIN OF CUSTODY

[illegible]

Sampling Codes

- | Sampling Location | Aggressive
Normal
Excursion
TWA
Representative |
|----------------------------|--|
| 1 Diagnostic | A |
| 2 Preliminary | N |
| 3 Clearance/Final | E |
| 4 Personnel Work Area | I |
| 5 Environmental Work Area | R |
| 6 Personnel Clean Area | |
| 7 Environmental Clean Area | |

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

6 Hour TAT Contact: Bernie Bryson at: _____

Samples Collected By: Tony Stegall Date: 10-17-19

Transmitted to Lab By: J. Merritt Date: 10-17-19

Received in Lab By: _____ Date: _____

Samples Analyzed By: DNALC LISUP Date: 10/17/19

PRELIMINARY RESULTS
Airborne Asbestos Analysis
TEM AHERA

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

Batch No.: 602249
Project: Ben Franklin HS
Project No.: _____
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: <u>timothy wdaley@gmail.com</u>	Cell/Pager: <u>(609) 929-4211</u>
E-Mail: <u>jerallia@icloud.com</u>	E-Mail: <u>frankehrenfeld@iatl.com</u>

Chain of Custody:			
Samples Taken in Field:	_____	Date:	_____
Samples Rec'd at Laboratory:	_____	Date:	<u>10/17/2019</u>
Samples Analyzed:	<u>B. Reich</u>	Date:	<u>10/18/2019</u>
Preliminary Results Faxed:	_____	Date:	_____
Preliminary Results E-Mail:	_____	Date:	_____

Summary Data
Transmission Electron Microscopy
AHERA 40CFR 763

Client Sample ID #	IATL Sample ID #	Volume (L)	Comments	Results s/mm ²	Results s/cc
101719BEN-1	6900711	1800	None Detected	< 19.2	< 0.0041
2	6900712	1800	None Detected	< 19.2	< 0.0041
3	6900713	1800	None Detected	< 19.2	< 0.0041
4	6900714	1800	None Detected	< 19.2	< 0.0041
5	6900715	1800	None Detected	< 19.2	< 0.0041
6	6900716	1800	None Detected	< 19.2	< 0.0041
7	6900717	1800	None Detected	< 19.2	< 0.0041
8	6900718	1800	None Detected	< 19.2	< 0.0041
9	6900719	1800	None Detected	< 19.2	< 0.0041
10	6900720	1800	None Detected	< 19.2	< 0.0041
			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 #: 1760
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.

CHAIN OF CUSTODY--Air Samples

CLIENT:

PET.

SITE:

BEN FRANKLIN

PROJECT #:

BOILER RM / ELECTRICAL ROOM

PAGE #:

1 OF 1

SAMPLED BY:

TIM DALEY

DATE:

10.17.19

CONTAMINANTS:

ASBESTOS

ANALYSIS NEEDED BY:

12 HOUR

AGGRESSIVE LEAF BLOWN, 1 FAN, 7 AFD'S

	SAMPLE #	VOLUME	TYPE	(S)	COMMENTS	10 LPM
1232	1	101719 BEN 01	1800	TEM	WEST SIDE OF BOILER ROOM BY RED PUMPS BY STAIR C.	1532
1232	2	101719 BEN 02	1800		WEST SIDE BETWEEN FAN UNITS INNER ELECTRIC ROOM WALL	1532
1232	3	101719 BEN 03	1800		COLUMN 6C - BY DUCT WORK ORIGINAL DAMAGED AREA	1532
1233	4	101719 BEN 04	1800		BETWEEN THE TWO ACM COVERED TANKS	1533
1233	5	101719 BEN 05	1800		BETWEEN THE TWO BOLTERS	1533
1233	6	101719 BEN 06	1800		ENTRANCE TO FREIGHT ELEVATOR FROM BOILER RM.	1533
1234	7	101719 BEN 07	1800		WEST SIDE OF ELECTRIC ROOM ENTRANCE STAIR C	1534
1234	8	101719 BEN 08	1800		EAST SIDE OF ELECTRIC RM ENTRANCE OPEN TO BOILER RM	1534
1237	9	101719 BEN 09	1800		SOUTH SIDE OF TOP OF ELECTRIC ROOM	1537
1240	10	101719 BEN 10	1800	✓	OUTSIDE BY FREIGHT ELEVATOR ENTRANCE TO BOILER ROOM	1540

SAMPLE PACKAGED AND SEALED BY:

Tim Daley

DATE:

10.17.19

TIME:

SENT TO:

IATL 10-17-19

CONDITION UPON RECEIPT (DAMAGED / UNDAIMAGED)

Analyzed 10/18/19

6900711

6900712

6900713

6900714

6900715

6900716

6900717

6900718

6900719

6900720