

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe & Bond

Project Name: Stamford - Mold Task Force **Project Number:** 28-2087-033
Project Location: West Hill H.S. **Sampling Date:** 10/14/19
Work Area Designation: Pool - Ceiling Tile Removal **Project Monitor Name:** Randy Taylor
Microscope #: 3 **Project Monitor License #:** 7413

Sample #	Sample Location	Project Activity	Sample Time (minutes)		Flow Rate (Liters/Minute)		Average Flow Rate (Liters/Min)	Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)
			On	Off	Pre	Post				
101419RT-01	Field Blank	Background	-	-	-	-	-	-	0/100	<0.002
-02	Sealed Blank		-	-	-	-	-	-	0/100	<0.002
-03	1 st floor - Elevator Lobby		0732	1042	6.0	6.0	6.0	1,140	3/100	<0.002
-04	6 th floor - Elevator Lobby		0734	1044	6.0	6.0	6.0	1,140	9/100	0.0038
-05	6 th floor - Filter Room		0736	1046	6.0	6.0	6.0	1,140	15/100	0.0064
-06	1 st floor - Elevator Lobby		1043	1348	6.0	6.0	6.0	1110	5/100	0.0022
-07	6 th floor - Elevator Lobby		1045	1350	6.0	6.0	6.0	1110	3/100	<0.002
-08	6 th floor - Filter Room		1047	1352	6.0	6.0	6.0	1110	3/100	<0.002
-09	Duplicate		-	-	-	-	-	-	16/100	0.0068

Chain of Custody and Sample Receiving Log

Samples Analyzed By:	<u>Randy Taylor</u>	Date:	<u>10/14/19</u>	Time:		AAR#	<u>9450</u>
Sample Collected By:	<u>Randy Taylor</u>	Date:	<u>10/14/19</u>	Time:			
Samples Relinquished By:		Date:		Time:			
Samples Received By:		Date:		Time:			
Results Reviewed By:		Date:		Time:			

$1140 \times 8949 = 1110 \times 8713.5$

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe & Bond

Project Number: 28-2087-033 Date: 10/15/19

Project Name: Stamford - Mold Task Force - Westhill HS

Contractor: AAIS License Number: 017

Project Monitor: Randy Taylor Project Monitor License Number: 743

Scope of Work: Pool Area - Ceiling Tiles (<1% ACM) - ~7500 SF

Sample ID Number	Sample Location	Project Activity	Sample Time		Sample Duration (Min.)	Flow Rate (Liters/Min.)			Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)	
			On	Off		Pre	Post	Avg.				
101519RT-01	Field Blank	Background	—	—	—	—	—	—	—	0/100	<0.002	
-02	Sealed Blank		—	—	—	—	—	—	—	0/100	<0.002	
-03	1 st floor - Elevator Lobby		1509	1842	213	7.0	7.0	7.0	1491	16/100	0.0052	
-04	G floor - Elevator Lobby		1511	1844	213	7.0	7.0	7.0	1491	23/100	0.0075	
-05	G floor - Filter Room		1513	1846	213	7.0	7.0	7.0	1491	9/100	0.0029	
-06	1 st floor - Elevator Lobby		1843	2228	225	7.0	7.0	7.0	1575	12/100	0.0037	
-07	G floor - Elevator Lobby		1845	2230	225	7.0	7.0	7.0	1575	18/100	0.0056	
-08	G floor - Filter Room		1847	2232	225	7.0	7.0	7.0	1575	6/100	<0.002	
-08	Duplicate	—	—	—	—	—	—	—	—	5/100	<0.002	

Samples Collected By: Randy Taylor Date: 10/15/19 Time: _____

Samples Analyzed By: Randy Taylor Date: 10/15/19 Time: _____

Analyst AAR Number: 9450

Lab Drop-Off Lab Name: _____ Turnaround Time: _____ Special Instructions: _____

Samples Relinquished By: _____ Date/Time: _____ Samples Received By: _____ Date/Time: _____

Results Reviewed By: _____

1491 \times
11704.35

1575 \times
12363.75

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe&Bond

Project Name: Stamford-Mold Task Force - Westhill
 Project Location: 125 Roxbury Rd, Stamford
 Work Area Designation: Pool Area - ~7500 SF of Ceiling Tile
 Microscope #: 3

Project Number: 28-2087-033
 Sampling Date: 10/16/19
 Project Monitor Name: Randy Taylor
 Project Monitor License #: 743

Sample #	Sample Location	Project Activity	Sample Time (minutes)			Flow Rate (Liters/Minute)		Average Flow Rate (Liters/Min)	Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)
			On	Off	Min	Pre	Post				
101619RT-01	Field Blank	Background	-	-	-	-	-	-	-	0/100	<0.002
-02	Sealed Blank		-	-	-	-	-	-	-	0/100	<0.002
-03	1 st floor - Elevator Lobby		1502	1853	231	7.0	7.0	7.0	1617	4/100	<0.002
-04	6 th floor - Elevator Lobby		1504	1855	231	7.0	7.0	7.0	1617	18/100	0.0054
-05	6 th floor - Filter Room		1506	1857	231	7.0	7.0	7.0	1617	9/100	0.0027
-06	1 st floor - Elevator Lobby		1854	2222	208	7.0	7.0	7.0	1456	2/100	<0.002
-07	6 th floor - Elevator Lobby		1856	2224	208	7.0	7.0	7.0	1456	20/100	0.0067
-08	6 th floor - Filter Room		1858	2226	208	7.0	7.0	7.0	1456	9/100	0.003
-04	Duplicate		-	-	-	-	-	-	-	17/100	0.0051

Chain of Custody and Sample Receiving Log

Samples Analyzed By:	<u>Randy Taylor</u>	Date:	<u>10/16/19</u>	Time:		AAR#	<u>9450</u>
Sample Collected By:	<u>Randy Taylor</u>	Date:	<u>10/16/19</u>	Time:			
Samples Relinquished By:		Date:		Time:			
Samples Received By:		Date:		Time:			
Results Reviewed By:		Date:		Time:			

$$1617 \times \frac{1}{12693.45}$$

$$1456 \times \frac{1}{11429.6}$$

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe & Bond

Project Name: Stamford - Mold Task Force - WHS Project Number: 28-2087-033
 Project Location: 125 Roxbury Rd, Stamford Sampling Date: 10/17/19
 Work Area Designation: Pool Area - ~7500 SF of Ceiling Tile Project Monitor Name: Randy Taylor
 Microscope #: 3 Project Monitor License #: 743

Sample #	Sample Location	Project Activity	Sample Time (minutes)			Flow Rate (Liters/Minute)		Average Flow Rate (Liters/Min)	Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)
			On	Off	Min	Pre	Post				
101719RT-01	Field Blank	Background	—	—	—	—	—	—	—	0/100	<0.002
-02	Sealed Blank		—	—	—	—	—	—	—	0/100	<0.002
-03	1 st - Elevator Lobby		1653	1945	172	7.0	7.0	7.0	1204	3/100	<0.002
-04	G - Elevator Lobby		1655	1947	172	7.0	7.0	7.0	1204	14/100	0.0057
-05	G - Filter Room		1657	1949	172	7.0	7.0	7.0	1204	3/100	<0.002
-06	1 st - Elevator Lobby		1946	2228	162	7.0	7.0	7.0	1134	3/100	<0.002
-07	G - Elevator Lobby		1948	2230	162	7.0	7.0	7.0	1134	15/100	0.0064
-08	G - Filter Room		1950	2232	162	7.0	7.0	7.0	1134	4/100	<0.002
-07	Duplicate		—	—	—	—	—	—	1134	12/100	0.0051

Chain of Custody and Sample Receiving Log

Activity	Signature	Date	Time	AAR#
Samples Analyzed By:	<i>Randy Taylor</i>	10/17/19		9450
Sample Collected By:	<i>Randy Taylor</i>	10/17/19		
Samples Relinquished By:				
Samples Received By:				
Results Reviewed By:				

$$1204 \times \frac{1}{100} = 9451.4$$

$$1134 \times \frac{1}{100} = 8901.9$$

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe&Bond

Project Name: Stamford - Mold Task Force - WHHS Project Number: 28-2087-033
 Project Location: 125 Roxbury Rd. Stamford Sampling Date: 10/18/19
 Work Area Designation: Pool - ~7500 SF of Ceiling Tile Project Monitor Name: Randy Taylor
 Microscope #: 3 Project Monitor License #: 743

Sample #	Sample Location	Project Activity	Sample Time (minutes)			Flow Rate (Liters/Minute)		Average Flow Rate (Liters/Min)	Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)
			On	Off	Min	Pre	Post				
101819RT-01WH	Field Blank	Backgrounds	-	-	-	-	-	-	-	0/100	<0.002
-02WH	Sealed Blank		-	-	-	-	-	-	-	0/100	<0.002
-03WH	1 st -Elevator Lobby		1458	1833	215	7.0	7.0	7.0	1505	5/100	<0.002
-04WH	6-Elevator Lobby		1500	1835	215	7.0	7.0	7.0	1505	12/100	0.0039
-05WH	6-Filter Room		1502	1837	215	7.0	7.0	7.0	1505	3/100	<0.002
-06WH	1 st -Elevator Lobby		1834	2202	184	7.0	7.0	7.0	1288	3/100	<0.002
-07WH	6-Elevator Lobby		1836	2204	184	7.0	7.0	7.0	1288	14/100	0.0053
-08WH	6-Filter Room		1838	2206	184	7.0	7.0	7.0	1288	2/100	<0.002
-04WH	Duplicate		-	-	-	-	-	-	1505	15/100	0.0048

Chain of Custody and Sample Receiving Log

Samples Analyzed By:	<u>Randy Taylor</u>	Date:	<u>10/18/19</u>	Time:		AAR#	<u>9450</u>
Sample Collected By:	<u>Randy Taylor</u>	Date:	<u>10/18/19</u>	Time:			
Samples Relinquished By:		Date:		Time:			
Samples Received By:		Date:		Time:			
Results Reviewed By:		Date:		Time:			

1505 \times
 11814.25

1288 \times
 10,110.8

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe & Bond

Project Number: 28-2087-033
 Project Name: Stamford - Mold Task Force - Westhill
 Contractor: AAIS
 Project Monitor: Randy Taylor
 License Number: 017
 Project Monitor License Number: 743
 Date: 10/21/19
 Scope of Work: Pool Area - ~7500 SF of Ceiling Tile (<1% ACM)

Sample ID Number	Sample Location	Project Activity	Sample Time		Sample Duration (Min.)	Flow Rate (Liters/Min.)			Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)
			On	Off		Pre	Post	Avg.			
1021PRT-01	Field Blank	Drilling	—	—	—	—	—	—	—	0/100	<0.002
-02	Sealed Blank		—	—	—	—	—	—	—	0/100	<0.002
-03	1 st - Elevator Lobby		1517	1906	229	7.0	7.0	7.0	1603	7/100	0.0021
-04	G - Elevator Lobby		1519	1908	229	7.0	7.0	7.0	1603	15/100	0.0045
-05	G - Filter Room		1521	1910	229	7.0	7.0	7.0	1603	4/100	<0.002
-06	1 st - Elevator Lobby		1907	2242	215	7.0	7.0	7.0	1505	4/100	<0.002
-07	G - Elevator Lobby		1909	2244	215	7.0	7.0	7.0	1505	12/100	0.0039
-08	G - Filter Room		1911	2246	215	7.0	7.0	7.0	1505	6/100	<0.002
-04	Duplicate		—	—	—	—	—	—	1603	16/100	0.0048

Samples Collected By: Randy Taylor
 Samples Analyzed By: Randy Taylor
 Analyst AAR Number:
 Date: 10/21/19
 Date: 10/21/19
 Time:
 Time:
 Lab Drop-Off Lab Name:
 Turnaround Time:
 Special Instructions:
 Samples Relinquished By: Date/Time: Samples Received By: Date/Time:
 Results Reviewed By: Date/Time:

1603 $\frac{x}{12583.55}$
 1505 $\frac{x}{11814.25}$

PHASE CONTRAST MICROSCOPY AREA AIR SAMPLING DATA SHEET

Tighe&Bond

Project Number: 28-2087-033 Date: 10/22/19
 Project Name: Stamford - Mold Task Force - Westhill H.S.
 Contractor: AAIS License Number: 017
 Project Monitor: Randy Taylor Project Monitor License Number: 743
 Scope of Work: ~7500 SF of Ceiling Tile (<1% ACM)

Sample ID Number	Sample Location	Project Activity	Sample Time		Sample Duration (Min.)	Flow Rate (Liters/Min.)			Total Volume (Liters)	Fiber Count (Fib/Field)	Concentration (Fibers/CC)
			On	Off		Pre	Post	Avg.			
102219RT-01	Field Blank	During	—	—	—	—	—	—	—	0/100	<0.002
-02	Sealed Blank		—	—	—	—	—	—	—	0/100	<0.002
-03	1 st Elevator Lobby		1459	1857	238	7.0	7.0	7.0	1666	4/100	<0.002
-04	G-Elevator Lobby		1301	1859	238	7.0	7.0	7.0	1666	11/100	0.0032
-05	G-filter Room		1303	1901	238	7.0	7.0	7.0	1666	3/100	<0.002
-06	1 st Elevator Lobby		1858	2230	212	7.0	7.0	7.0	1484	2/100	<0.002
-07	G-Elevator Lobby		1900	2232	212	7.0	7.0	7.0	1484	6/100	<0.002
-08	G-filter Room		1902	2234	212	7.0	7.0	7.0	1484	3/100	<0.002
-07	Duplicate		—	—	—	—	—	—	—	9/100	0.0029

Samples Collected By: Randy Taylor Date: 10/22/19 Time: _____
 Samples Analyzed By: Randy Taylor Date: 10/22/19 Time: _____
 Analyst AAR Number: 9450
 Lab Drop-Off Lab Name: _____ Turnaround Time: _____ Special Instructions: _____
 Samples Relinquished By: _____ Date/Time: _____ Samples Received By: _____ Date/Time: _____
 Results Reviewed By: _____

1666 \times
13078.1

1484 \times
11649.4