



SanAir ID Number  
21015987  
FINAL REPORT  
4/9/2021 12:42:49 PM

**Name:** BNF Consulting, Inc.  
**Address:** 15 Lincoln Avenue  
Somers, NY 10589  
**Phone:** 914-297-8335

**Project Number:** 16612  
**P.O. Number:**  
**Project Name:**   
**Collected Date:** 4/3/2021  
**Received Date:** 4/6/2021 10:05:00 AM

Dear Justin H. Joe,

We at SanAir would like to thank you for the work you recently submitted. The 8 sample(s) were received on Tuesday, April 06, 2021 via FedEx. The final report(s) is enclosed for the following sample(s): 01, 02, 03, 04, 05, 06, 07, 08.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino".

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Material Science Analysis  
- Disclaimers and Additional Information

Sample conditions:  
- 8 samples in Expired - Usable condition. (#1, #2, #3, #4, #5, #6, #7, #8)



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Analyst: Sobrino, Sandra

### Material Science Analysis

ND = None Detected.

SanAir ID Number	21015987-001	21015987-002	21015987-003	21015987-004
Sample Number	01	02	03	04
Sample Identification	Basement Boiler Room	Basement Living Room	Main Level Sun Room	Main Level Hallway
Sample Type	Tape	Tape	Tape	Tape
Area cm <sup>2</sup>	6.5 cm <sup>2</sup>	6.5 cm <sup>2</sup>	6.5 cm <sup>2</sup>	6.5 cm <sup>2</sup>
Analytical Sensitivity	1%	1%	1%	1%
<b>Streak Test</b>				
Streak Test	N/A	N/A	N/A	N/A
<b>PLM Analytes</b>				
Mold	3%	<1%	ND	<1%
Pollen	ND	ND	ND	ND
Ash	<1%	ND	2%	ND
Char Material	2%	ND	35%	3%
Origin of Char	Cellulose	-	Cellulose	Cellulose
Soot/Carbon Black/Fugitive	10%	2%	5%	2%

Approved Signatory:   
 Date: 4/9/2021



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Analyst: Sobrino, Sandra

### Material Science Analysis

*ND = None Detected.*

SanAir ID Number	21015987-005	21015987-006	21015987-007	21015987-008
Sample Number	05	06	07	08
Sample Identification	2nd Floor Hallway	2nd Floor Bedroom	Attic Left	Attic Right
Sample Type	Tape	Tape	Tape	Tape
Area cm <sup>2</sup>	6.5 cm <sup>2</sup>	6.5 cm <sup>2</sup>	6.5 cm <sup>2</sup>	6.5 cm <sup>2</sup>
Analytical Sensitivity	1%	1%	1%	1%
<b>Streak Test</b>				
Streak Test	N/A	N/A	N/A	N/A
<b>PLM Analytes</b>				
Mold	<1%	<1%	<1%	<1%
Pollen	ND	ND	<1%	ND
Ash	ND	ND	<1%	ND
Char Material	ND	ND	<1%	<1%
Origin of Char	-	-	-	-
Soot/Carbon Black/Fugitive	8%	10%	5%	8%

Approved Signatory:   
 Date: 4/9/2021

## Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, purchase order number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. Samples are held for a period of 60 days.

For ASTM D 6602-13 analysis, samples or subsets of samples are analyzed via stereoscope, polarized light (PLM), and electron microscope. Concentrations are derived by visual estimation of surface particulate. These samples are used to provide information about relative amounts of different types of materials. Limit of detection is 1% for this analysis. None Detected (ND) denotes the absence of an analyte in the sub-sample or sample analyzed. Trace levels (<1%) of the analyte may be present in the sample below the limit of detection. The ASTM D 6602-13 method is used for the identification of soot, carbon black, ash, char and other fugitive dust. The PLM analysis is used to confirm char, ash and opaque particles. Char is a material that is blackened by burning or scorching greater than one micron. The Identification of opaque particles such as soot and carbon black can only be confirmed by electron microscope. Soot is a black powdery form of carbon produced when coal, wood (cellulose), or oil is burned and by-product by of incomplete combustion or pyrolysis. Ash is the powdery substance that is left when material has been burned. Carbon Black is a material produced by the incomplete combustion of tar, petroleum, rubber, or material from an industrial source such as graphite, coal, and coke. Carbon black consists of furnace or thermal grades of carbon. Graphite is a natural occurring carbon mineral. Coke is a solid residue consisting mainly of carbon, left after the volatile elements have been driven from bituminous coal or other petroleum material. Coal is hard black sedimentary rock. SEM/TEM analysis was not requested during this analysis.



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 Powhatan, VA 23139  
 804.897.1177 / 888.895.1177  
 Fax 804.897.0070  
 sanair.com

Materials Science  
 Chain of Custody  
 Form 141, Revision 1, 1/20/2017

SanAir ID Number

21015987

Company: BNF Consulting, Inc.	Project #: 16612	Phone #
Address: 15 Lincoln Avenue	Project Name:	Phone #
City, St., Zip: Somers, NY 10589	Date Collected: 04/03/2021	Fax #:
Samples Collected By:	P.O. Number:	Email:

Optical ID (MSPOP)	<input type="checkbox"/>	MMVF, Asbestos, Mold, Biological, Synthetics, Hair, Minerals, Cellulose
Full Particle ID* (MSPFP)	<input type="checkbox"/>	MMVF, Asbestos, Mold, Biological, Synthetics, Hair, Minerals, Cellulose, & Chemical Analysis
MMVF	<input type="checkbox"/>	MMVF full analysis (NIOSH 7400 with STEM)
Single Analyte from Optical ID Or Other (MSP)	<input type="checkbox"/>	Analyte Type:
Carbon Black/Soot (M6602P)	<input checked="" type="checkbox"/>	ASTM D 6602 Char, Ash, and Opaque particles (PLM only)
(M6602)	<input type="checkbox"/>	ASTM D 6602 Char, Ash, Soot and Carbon Black (Full Analysis)
(M6001P)	<input type="checkbox"/>	IESO/RIA Standard 6001 HVAC systems (PLM only)
(M6001)	<input type="checkbox"/>	IESO/RIA Standard 6001 HVAC systems (PLM and STEM)
Gravimetric Methods		NIOSH 500 (Total) <input type="checkbox"/> NIOSH 600 (Respirable) <input type="checkbox"/> NIOSH 5000 (Carbon Black) <input type="checkbox"/>
		NIOSH 5000 with TEM confirmation <input type="checkbox"/> NADCA Vacuum Test for HVAC system <input type="checkbox"/>
Meth	<input type="checkbox"/>	Methamphetamine
Silica	<input type="checkbox"/>	NIOSH 7500

Turn Around Times	6 HR <input type="checkbox"/>	12 HR <input type="checkbox"/>	24 HR <input type="checkbox"/>	2 Days <input type="checkbox"/>
	<input checked="" type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 7 Days	<input type="checkbox"/> 10 Days

\* Full Particle ID TAT from 3 to 10 day only

Sample #	Sample Identification / Location	Sample Type	Volume or Area		
01	Basement Boile Room	Tape Lift ↓			
02	Basemat Living Room				
03	Main Level Sun Room				
04	Main Level Hallway				
05	2nd Floor Hallway				
06	2nd Floor Bedroom				
07	Attic Left				
08	Attic Right				
Relinquished by	Date	Time	Received by	Date	Time
			CEU	4/16/21	10:05 AM

If no technician is provided, the primary contact for your account will be selected. Unless scheduled, the TAT for all samples received after 3 pm Friday will begin at 8 am Monday morning. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3 hr. TAT rate. There is a minimum charge of \$100 for weekend work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

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