

4515 Poplar Ave. # 425 Memphis, Tennessee 38117 Phone 901-761-5431 / Fax 901-767-2466

#### CONFIDENTIAL AND PRIVILEGED

Asbestos Survey

Goodlett Elementary (Main Bldg. and Portables)
3001 S. Goodlett Street
Memphis, Tennessee

April 30, 2021

Volume 1 of 1

Prepared for:

**SCS** 

1364 Farmville Rd.

Memphis, Tennessee 38122

This report was prepared for SCS, by independent consultants and is based, in part on information not within the control of either SCS, or consultants. While it is believed that all information contained herein will be reliable under conditions and subject to the limitations set forth herein, neither SCS, nor the consultants guarantee the accuracy thereof. The use of this report, or any information contained herein, shall be at the user's sole risk, regardless of any fault or negligence SCS, or the consultants. Use of this report or any SCS, and consultants from and against all liability (including, but not limited but not limited to, liability for special, indirect or consequential damages) whether arising in contract or due to SCS, and/or consultant's negligence, strict liability or otherwise.

#### **Executive Summary**

This report has been prepared for Shelby County Schools (SCS). Our intent is to provide documentation that will inform you of asbestos containing materials (ACM) used in the construction of a property located at 3001 S. Goodlett Street in Memphis, Tennessee.

A survey was conducted by National Econ Corporation, where bulk samples were collected of "suspect" ACM at the location(s). Survey protocols, as established by the Environmental Protection Agency (EPA), were strictly followed and bulk samples were collected and subsequently transmitted by Cordell Cooper and Wash Johnson Jr., to a pre-qualified laboratory for microscopic analysis.

One hundred twenty-eight (128) bulk samples were collected and analyzed by a primary laboratory using Polarized Light Microscopy (PLM) coupled with dispersion staining to determine the content and type of asbestos. Primary Analysis was provided by National Econ Corporation, Memphis, Tennessee. National Econ Corporation participates in the American Industrial Hygiene Association (AIHA) - Bulk Asbestos PAT Program (BAPAT) with an accreditation number- 102259.

Suspect ACM are categorized under the Asbestos Hazardous Emergency Response Act (AHERA) as: 1) Surface Materials (SM), 2) Thermal System Insulation (TSI), and 3) Miscellaneous Material (MM). Suspect asbestos containing materials (ACM) at the subject address are indicated in the following:

SM

TSI Boiler Pipe Insulation

\*Floor Tile & Mastic Cove Base & Mastic (4 types) Ceiling Tiles Drywall & Joint Compound Chalkboards

\*Non – Friable asbestos containing material
\*\* Friable asbestos containing material

National Econ Corporation assumes no responsibility for identification of "atypical" ACM, used in the construction trade.

Sincerely, National Econ Corporation

Chester V. Ervin Operations Manager Marvinetta Cooper Industrial Hygienist

Weth Cooper

The presence of ACM has been confirmed at 3001 S. Goodlett Street in Memphis, TN, as supported by the laboratory reports contained herein. Existing regulations are strictly enforced and a considerable amount of documentation must be provided and maintained to keep within the guidelines set forth by regulatory agencies. In light of the survey's findings the following recommendations are submitted for your review:

#### Recommendations

The asbestos containing materials identified are the tan, green, blue, and gray floor tile and mastic. The floor tile and mastic were in good condition at the time of this inspection and can remain in place during demolition. If the floor tile and mastic become loose or damaged prior to demolition, then it is considered friable and must be removed according to current federal and state laws. There are potential liabilities associated with the presence and removal of ACM. Precautionary measures, as outlined herein, should be taken in accordance with the guidelines set forth by the EPA, the Occupational Safety and Health Administration (OSHA) and other regulatory agencies.

This report is intended for the sole use of SCS. The use or re-use of this document or the findings, conclusion or recommendations presented herein, by any other party or parties is at the sole risk of said user. Recognizing that even the most comprehensive survey may fail to detect ACBM at a particular site, this study was not intended to identify all potential ACBM present in the building or at the site for such reasons as (1) the possible existence of buried, covered and inaccessible areas and features; and (2) the limited number of samples collected. Samples were collected from materials of similar appearance, age, use, type, color and/or texture. However, this does not guarantee that they are of the same composition. No guarantee is expressed or implied that all ACBM has been identified. National Econ Corporation assumes no responsibility for the identification of suspect asbestos containing materials which are concealed and/or inaccessible (i.e., carpet mastic under carpet, locked rooms, etc.)

Services performed by National Econ Corporation were conducted in a manner consistent with that of the care and skill ordinarily and currently exercised by members of the same profession that even the most comprehensive Scope of Services may fail to detect environmental liabilities on a particular site. Therefore, National Econ Corporation cannot act as insurers and cannot "certify" that a site is free of environmental contamination. No expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by the Scope of Services, with the customary thoroughness and competence of our profession.

Information and opinions presented herein apply to the existing and reasonably foreseeable site conditions at the time of our investigation. They cannot necessarily apply to site changes of which this office is unaware and has not had the opportunity to review. Changes in the conditions of this property may occur with time due to natural processes or works of man on the subject property or on adjacent properties. Changes in applicable standards may also occur as a result of legislation of the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control. National Econ Corporation trusts that the information presented herein provides the data you require. Should you have any questions or comments, please contact National Econ Corporation.

## **ASBESTOS SURVEY- PLM Table - 1**

Client / Project Name: SCS / 3001 South Goodlett Street Memphis, Tennessee

Sample Numbers	Material	Approx. Quantity of ACM Material	Results
1-3	Floor Tile & Mastic	Main Bldg. North sections	Chrysotile Asbestos Detected
4-6	Floor Tile & Mastic	Main Bldg. North sections	Chrysotile Asbestos Detected
7-9	Floor Tile & Mastic	Main Bldg. North sections	No Asbestos Detected
10-12	Floor Tile & Mastic	Main Bldg. North sections	Chrysotile Asbestos Detected
13-15	Floor Tile & Mastic	Main Bldg. North sections	No Asbestos Detected
16-18	Floor Tile & Mastic	Main Bldg. North sections	Chrysotile Asbestos Detected
19-21	Tile & Grout	Main Bldg. North sections	No Asbestos Detected
22-24	Floor Tile & Mastic	Main Bldg. North sections	Chrysotile Asbestos Detected
25-27	Pipe Insulation	Main Bldg. North sections	No Asbestos Detected
28-30	Cove Base Mastic	Main Bldg. North sections	No Asbestos Detected
31-33	Ceiling Tile	Main Bldg. North sections	No Asbestos Detected
34-36	Floor Tile & Mastic	Portables 182, 183, and 242	No Asbestos Detected
37-39	Drywall & Ceiling	Portables 182, 183, and 242	No Asbestos Detected
40-42	Floor Tile & Mastic	Portables 182, 183, and 242	No Asbestos Detected
43-45	Drywall & Ceiling	Portables 182, 183, and 242	No Asbestos Detected
46-48	Floor Tile & Mastic	Portables 182, 183, and 242	No Asbestos Detected
49-51	Ceiling Tile	Portables 182, 183, and 242	No Asbestos Detected
52-54	Drywall & Joint Compound	Portables 182, 183, and 242	No Asbestos Detected
55-57	Chalk Board	N/A	No Asbestos Detected

<b>ASBESTOS S</b>	SURVEY-	PLM Table – 1	1 (cont.)
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Client / Project Name: SCS / 3001 South Goodlett Street Memphis,

Tennessee

58-60	Floor Tile & Mastic	SW Bldg., no	No Asbestos Detected
		number on	
		building	
61-63	Ceiling & Drywall	SW Bldg., no	No Asbestos Detected
		number on	
		building	

## **ASBESTOS SURVEY- PLM Table - 2**

Client / Project Name: Goodlett Elementary School / 3001 S. Goodlett Street Memphis, Tennessee

Sample	Material	Location	Results
Numbers			
1-1 to 1-5	Ceiling Tile	South	No Asbestos Detected
		section of	
		bldg,	
		rooms	
1-6 to 1-10	Ceiling Tile	South	No Asbestos Detected
		section of	110 Historian Betteren
		bldg,	
		rooms	
1-11to 1-17	Beige Floor Tile &	South	No Asbestos Detected
1-1110 1-17	Mastic Mastic	section of	No Aspestos Detected
	Wastie		
		bldg,	
1 10 45 1 22	Off White Fire Tills 0	rooms South	No Ashastas Data da d
1-18 to 1-22	Off-White Floor Tile &		No Asbestos Detected
	Mastic	section of	
		bldg,	
		rooms	
1-23 to 1-25	Tan-Pink Floor Tile &	South	No Asbestos Detected
	Mastic	section of	
		bldg,	
		rooms	
1-26 to 1-32	Tan Floor Tile &	South	Chrysotile Asbestos Detected
	Mastic	section of	
		bldg,	
		rooms	
1-33 to 1-35	Gray Floor Tile &	South	Chrysotile Asbestos Detected
	Mastic	section of	
		bldg,	
		rooms	
1-36 to 1-38	Black Cove Base &	South	No Asbestos Detected
20 10 1 50	Mastic Mastic	section of	1.0 11000000
	Trastic	bldg,	
		rooms	
1-39 to 1-41	Gray Cove Base	South	No Asbestos Detected
1-37 10 1-41	&Mastic	section of	110 Asucsius Delected
	Civiastic		
		bldg,	
		rooms	

## **ASBESTOS SURVEY- PLM Table - 2 (Cont.)**

Client / Project Name: Goodlett Elementary School / 3001 S. Goodlett

**Street Memphis, Tennessee** 

1-42 to 1-46	Drywall & Joint	Portables 1,	No Asbestos Detected
	Compound	2, 259 and	
		207	
1-47 to 1-51	Ceiling Tile	Portables 1,	No Asbestos Detected
	_	2, 259 and	
		207	
1-52 to 1-56	Beige Floor Tile &	Portables 1,	No Asbestos Detected
	Mastic	2, 259 and	
		207	
1-57 to 1-59	Tan Floor Tile & Mastic	Portables 1,	No Asbestos Detected
		2, 259 and	
		207	
1-60 to 1-62	Black Cove Base &	Portables 1,	No Asbestos Detected
	Mastic	2, 259 and	
		207	
1-63 to 1-65	Brown Cove Base &	Portables 1,	No Asbestos Detected
	Mastic	2, 259 and	
		207	

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### **Bulk Sample Test Report**

 Date Analyzed:
 April 30, 2021

 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1	2	3		
	Green Consolidated	Green Consolidated	Green Consolidated		
<u>Asbestos Minerals</u>					
Chrysotile	13	14	13		
Anthophyllite					
Crocidolite					
Actinolite/ Tremolite <u>Non-Asbestos</u>					
<u>NOTI-ASDESTOS</u>					
Cellulose / Wood Fibers	3	4	5		
Fibrous Glass					
Paint					
Synthetics					
Glue					
Filler / Binder	50	45	40		
Granular/Min	32	34	40		
Mastic / Glue	2	3	2		
Comments:	13% Chrysotile Asbestos Tile & Mastic	14% Chrysotile Asbestos Tile & Mastic	13% Chrysotile Asbestos Tile & Mastic		
211-12		911.0			

Analyst:	lette Cooper	Approved Signatory	Į,	ette Cooper
Allaryst		Approved signatory.		2000

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	4		5			6		
	Blue Consolidated		Blue Consolidated			: Consolidated		
Chrysotile	7			8		7		
Anthophyllite								
Crocidolite								
Actinolite/ Tremolite								
Non-Asbestos								
Cellulose / Wood Fibers	4			5		6		
Fibrous Glass								
Paint								
Vinyl								
Glue/Mastic	2			3		2		
Filler / Binder	40	)		45		50		
Granular Minerals	47	7		39		35		
Glue								
Comments:			8% Chrysotile Asbestos In Mastic only			Chrysotile Asbestos Iastic only		

Analyst: Approved Signatory: Meth Cooking

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### Bulk Sample Test Report

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	7			8		9	
	Tan Granular		Tan Grani	ular	Tar	Tan Granular	
Chrysotile							
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos							
Cellulose / Wood Fibers		3		4		5	
Fibrous Glass							
Paint							
Vinyl							
Glue/Mastic		2		3		2	
Filler / Binder		50		45		40	
Granular Minerals		45		48		53	
Glue							
Comments:	No Asbestos Det	ected	No Asbes	tos Detected	No	Asbestos Detected	

Analyst:	lette Cooper	Approved Signatory:	Weth Cooper
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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	10		11				12		
	Tan Consolidated		Tan Consolidated			Tan (	Consolidated		
Chrysotile	5			6	<u>,                                      </u>		5		
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite				<del>.</del>	<u>.</u>				
Non-Asbestos									
Cellulose / Wood Fibers	8			6			4		
Fibrous Glass									
Paint									
Vinyl									
Glue/Mastic	2			3			2		
Filler / Binder	40			42	2		45		
Granular Minerals			43		44				
Glue									
Comments:	5% Chrysotile Asbestos In Mastic Only		6% Chrysotile Asbestos In Mastic Only			hrysotile Asbestos astic Only			

Analyst: Metta Cooker Approved Signatory: Metta Cooker

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	13		14				15	
	Red Consolidated		Red Consolidated			Red	Red Consolidated	
Chrysotile								
Anthophyllite								
Crocidolite								
Actinolite/ Tremolite			<u> </u>					
<u>Non-Asbestos</u>						1		
Cellulose / Wood Fibers	3				5		8	
Fibrous Glass								
Paint								
Vinyl								
Glue/Mastic	2				3		2	
Filler / Binder	50			4	<b>1</b> 5		40	
Granular Minerals	45			4	17		50	
Glue								
Comments:	No Asbestos Detected		No Asbest	os Detect	ed	No A	Asbestos Detected	
2/1-12			9/1/10	7		•		

Analyst: <sub>_</sub>	ette	Cooper	_ Approved Signatory: _	ett	Cooper	
_	(			 1		

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	16	16 17				18			
	Tan Consolidated		Tan Consolidated		Tan	Consolidated			
Asbestos Minerals						1			
Chrysotile	5		6				5		
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite									
Non-Asbestos									
Cellulose / Wood Fibers	3		4				5		
Fibrous Glass									
Paint									
Synthetics									
Glue									
Filler / Binder	45			4	6		47		
Granular/Minerals	45				1		41		
Mastic / Glue	2		3			2			
Comments:	5% Chrysotile Asbestos In Mastic Only	(   I	6% Chrysotile Asbestos In Mastic Only			Chrysotile Asbestos astic Only			

Analyst: Approved Signatory: Approved Signatory:

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430 Client / Project Name: SCS/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	19	21	
	Gray Consolidated	Gray Consolidated	Gray Consolidated
Asbestos Minerals			eray consonauted
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers			
Fibrous Glass			
Paint			
Synthetics			
Glue			
Filler / Binder	40	45	50
Granular/Minerals	60	55	50
Mastic / Glue			
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst:	Wei	to Cooper	Approved Signatory:	Weth Cook
,				

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	22		23	24			
	Tan Granular	-	Tan Granular		Tan Granular		
Asbestos Minerals							
Chrysotile	<1		<1		<1		
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos							
Cellulose / Wood Fibers	3		5		6		
Fibrous Glass							
Paint							
Synthetics							
Glue							
Filler / Binder	40		42		43		
Granular/Min	55		50		49		
Mastic / Glue	2		3		2		
Comments:	<1% Chrysotile Asbestos In Mastic Only		<1% Chrysotile Asbestos In Mastic Only		<1% Chrysotile Asbestos In Mastic Only		

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ the Cooks

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430 Client / Project Name: SCS/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	25			26				27		
	Yellow Fibrous			Yellow Fibrous				Yellow Fibrous		
Asbestos Minerals										
Chrysotile										
Anthophyllite										
Crocidolite										
Actinolite/ Tremolite										
Non-Asbestos										
Cellulose / Wood Fibers										
Fibrous Glass		100		100			100			
Paint										
Synthetics										
Glue										
Filler / Binder										
Granular/Min										
Mastic / Glue										
Comments:	No Asbestos	Detected	No	Asbestos [	Detected		No As	bestos Detected		
9/1/20			. 1	1 /			, 13	200000000000000000000000000000000000000		

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## Bulk Sample Test Report

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	28	28 29			30		
	Black Vinyl		Black Vinyl	Black Vinvl		Black	( Vinyl
Asbestos Minerals						2.0.0.	,
Chrysotile							
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos							
Cellulose / Wood Fibers							
Fibrous Glass							
Paint							
Synthetics							
Vinyl	97			98			99
Filler / Binder							
Granular/Minerals							
Mastic / Glue	3			2			1
Comments:	No Asbestos Detected		No Asbesto	s Detected		No A	sbestos Detected

Analyst: Approved Signatory: Meth Cooker

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## Bulk Sample Test Report

 Date Analyzed:
 April 30, 2021

 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	31	32	33		
	White-Gray Fibrous	White-Gray Fibrous	White-Gray Fibrous		
Asbestos Minerals	, , , , , , , , , , , , , , , , , , ,		,		
Chrysotile					
Anthophyllite					
Crocidolite					
Actinolite/ Tremolite Non-Asbestos					
<u>Non-Aspestos</u>					
Cellulose / Wood Fibers	20	25	30		
Fibrous Glass	25	30	35		
Paint					
Synthetics					
Glue					
Filler / Binder	20	25	30		
Granular/Minerals	35	20	5		
Mastic / Glue					
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		
9/1.0		9/1-00			

Analyst:	Meth Cooper	_ Approved Signatory:	lette Cooper
	1		1

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430 Client / Project Name: SCS/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	34			35			36		
	White Consolida	ated	White C	White Consolidated			White Consolidated		
Asbestos Minerals									
Chrysotile									
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite									
Non-Asbestos									
Cellulose / Wood Fibers		3		5	)		8		
Fibrous Glass									
Paint									
Synthetics									
Glue									

45

47

3

No Asbestos Detected

40

50

No Asbestos Detected

Analyst: _	lette Cool	Approved Signatory:	lette Cooper

No Asbestos Detected

50

45

2

Filler / Binder

Granular/Minerals

Mastic / Glue

Comments:

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	37	38				39			
	Tan Granular		Tan Granu	Tan Granular		Tan	Granular		
<u>Asbestos Minerals</u>									
Chrysotile									
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite									
Non-Asbestos									
Cellulose / Wood Fibers	8		6				4		
Fibrous Glass									
Paint									
Synthetics									
Glue									
Filler / Binder	40		43		3		43		
Granular/Minerals	52	52		51			53		
Mastic / Glue									
Comments:	No Asbestos Detected		No Asbest	os Detect	ed	No A	sbestos Detected		

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_ Letter Cooper\_

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### **Bulk Sample Test Report**

Date Analyzed:April 30, 2021Lab I.D. Number: 20210430Client / Project Name:SCS/ 3001 South Goodlett StreetAnalyst: Netta Cooper

Sample Number	40 41		42			
	Tan Consolidated		Tan Consc	lidated	Tan C	Consolidated
<u>Asbestos Minerals</u>						
Chrysotile						
Anthophyllite						
Crocidolite						
Actinolite/ Tremolite						
Non-Asbestos						
Cellulose / Wood Fibers	3			4		5
Fibrous Glass						
Paint						
Synthetics						
Glue						
Filler / Binder	50			45		40
Granular/Minerals	45			48		53

Analyst:	Approved Signatory:
	The state of the s

No Asbestos Detected

Mastic / Glue

Comments:

Comments: National Econ Corporation participates in the American Industrial Hygiene Association (AIHA) - Bulk Asbestos PAT Program (BAPAT). For all obviously heterogeneous samples easily separated into sub-samples, and for layered samples, each component was analyzed separately. Disclaimer: Difficult samples such as floor tile, roofing material and samples containing < 1% asbestos, may require additional analysis by TEM or SEM if No Asbestos Detected is reported. The above test report relates only to the items tested. This test report relates only to the material analyzed. This sample was analyzed using the technique contained in 40 CFR 763, Subpart F, Appendix A (AHERA). Results from this report must not be reproduced, except in full, with the approval of National Econ Corporation.

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No Asbestos Detected

No Asbestos Detected

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### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	43	44	45		
	White Granular	White Granular	White Granular		
Asbestos Minerals					
Chrysotile					
Anthophyllite					
Crocidolite					
Actinolite/ Tremolite					
Non-Asbestos	<del>                                     </del>				
Cellulose / Wood Fibers	6	8	10		
Fibrous Glass					
Paint					
Synthetics					
Glue					
Filler / Binder	50	49	48		
Granular/Minerals	42	40	40		
Mastic / Glue	2	3	2		
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		

Analyst: Approved Signatory: Approved Signatory:

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### **Bulk Sample Test Report**

Date Analyzed:April 30, 2021Lab I.D. Number: 20210430Client / Project Name:SCS/ 3001 South Goodlett StreetAnalyst: Netta Cooper

Sample Number	46		47			48			
	Tan Consolidated		Tan Consol	Tan Consolidated			Tan Consolidated		
Asbestos Minerals									
Chrysotile									
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite		<u>,                                      </u>							
Non-Asbestos						,			
Cellulose / Wood Fibers		5		6			7		
Fibrous Glass									
Paint									
Synthetics									
Glue									
Filler / Binder		45	46			47			
Granular/Minerals	48		45		44				
Mastic / Glue		2		3			2		
Comments:	No Asbestos Dete	cted	No Asbestos Detected		No As	sbestos Detected			

Analyst:	West Confer	Approved Signatory:	Weth Cooker
<i>'</i> ——	- <del>    EAN   </del>		

Comments: National Econ Corporation participates in the American Industrial Hygiene Association (AlhA) - Bulk Asbestos PAT Program (BAPAT). For all obviously heterogeneous samples easily separated into sub-samples, and for layered samples, each component was analyzed separately. Disclaimer: Difficult samples such as floor tile, roofing material and samples containing < 1% asbestos, may require additional analysis by TEM or SEM if No Asbestos Detected is reported. The above test report relates only to the items tested. This test report relates only to the material analyzed. This sample was analyzed using the technique contained in 40 CFR 763, Subpart F, Appendix A (AHERA). Results from this report must not be reproduced, except in full, with the approval of National Econ Corporation.

9/10

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	49		50				51		
	White Fibrous		White Fibrous			Whi	White Fibrous		
Asbestos Minerals					•				
Chrysotile									
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite									
Non-Asbestos			<u>, l</u>						
Cellulose / Wood Fibers	20			25			30		
Fibrous Glass	30			25			20		
Paint									
Synthetics									
Glue									
Filler / Binder	30			25			20		
Granular/Min	20			25			20		
Mastic / Glue									
Comments:	No Asbestos Detected	1	No Asbest	os Detecte	d	No A	Asbestos Detected		
9/1.0		6	11/1 0			1			

Analyst:	Meth Cooper	Approved Signatory: Weth Cooks	

# 4515 Poplar Avenue, Suite **425** - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430

Client / Project Name: SCS / 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	52	53				54	
	White Granular	White Granular			Whit	te Granular	
<u>Asbestos Minerals</u>							
Chrysotile							
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos							
Cellulose / Wood Fibers	15		1	7		20	
Fibrous Glass							
Paint							
Synthetics							
Glue							
Filler / Binder	30		3	5		40	
Granular/Min	55		4	8		40	
Mastic / Glue							
Comments:	No Asbestos Detected	No Asbest	os Detect	ed	No A	Asbestos Detected	

Analyst:	Meta Cooper	Approved Signatory:	Meth Cooper
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Comments: National Econ Corporation participates in the American Industrial Hygiene Association (AIHA) - Bulk Asbestos PAT Program (BAPAT). For all obviously heterogeneous samples easily separated into sub-samples, and for layered samples, each component was analyzed separately. Disclaimer: Difficult samples such as floor tile, roofing material and samples containing < 1% asbestos, may require additional analysis by TEM or SEM if No Asbestos Detected is reported. The above test report relates only to the items tested. This test report relates only to the material analyzed. This sample was analyzed using the technique contained in 40 CFR 763, Subpart F, Appendix A (AHERA). Results from this report must not be reproduced, except in full, with the approval of National Econ Corporation.

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# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021 Lab I.D. Number: 20210430 Client / Project Name: SCS/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number		55		56			57	
	Green-Brown Fil	orous	Green-Bro	wn Fibrous		Green-Brown Fibrous		
Asbestos Minerals				Cream Brown Figure 1				
Chrysotile								
Anthophyllite								
Crocidolite								
Actinolite/ Tremolite			<u> </u>	,				
Non-Asbestos								
Cellulose / Wood Fibers								
Fibrous Glass		20		25			30	
Paint								
Synthetics								
Glue								
Filler / Binder		30		35			40	
Granular/Minerals		50		40			30	
Mastic / Glue								
Comments:	No Asbestos Det	ected	No Asbest	os Detected		No As	bestos Detected	

Analyst: Approved Signatory: Meth Cooker

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed:April 30, 2021Lab I.D. Number: 20210430Client / Project Name:SCS/ 3001 South Goodlett StreetAnalyst: Netta Cooper

Sample Number	58		59			60	
	Tan Consolidated		Tan Conso	lidated		Tan Consolidated	
Asbestos Minerals							
Chrysotile					·		
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite				T.			
Non-Asbestos						,	
Cellulose / Wood Fibers		3		4			5
Fibrous Glass							
Paint							
Synthetics							
Glue							
Filler / Binder		50	45			40	
Granular/Minerals	45		48		53		
Mastic / Glue		2		3	i		2
Comments:	No Asbestos Dete	cted	No Asbestos Detected		No A	sbestos Detected	

Analyst:	ette Cooper	Approved Signatory:	Wei	to Cooper

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed:April 30, 2021Lab I.D. Number: 20210430Client / Project Name:SCS/ 3001 South Goodlett StreetAnalyst: Netta Cooper

Sample Number	61			6	2		63	
	White Granular		White Gra	nular		Whit	e Granular	
Asbestos Minerals								
Chrysotile								
Anthophyllite								
Crocidolite								
Actinolite/ Tremolite		<u>,                                      </u>						
Non-Asbestos								
Cellulose / Wood Fibers	3			Ţ	- D		7	
Fibrous Glass								
Paint								
Synthetics								
Glue								
Filler / Binder	20	)		2	5		30	
Granular/Min	77	7		7	0		63	
Mastic / Glue								
Comments:	No Asbestos Detect	ed	No Asbest	os Detect	ed	No A	sbestos Detected	
9/1. 8			9/1	()		I		

Analyst:	Weth Cook	Approved Signatory:	lette Cooper
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## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-1	1-2	1-3	
	White-Gray Fibrous	White-Gray Fibrous	White-Gray Fibrous	
<u>Asbestos Minerals</u>				
Chrysotile				
Anthophyllite				
Crocidolite				
Actinolite/ Tremolite				
Non-Asbestos				
Cellulose / Wood Fibers	20	25	30	
Fibrous Glass	25	30	30	
Paint				
Synthetics				
Glue				
Filler / Binder	20	25	30	
Granular/Minerals	35	20	10	
Mastic / Glue				
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ letter Cooper\_

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-4	1-5	1-6
	White-Gray Fibrous	White-Gray Fibrous	Yellow Fibrous
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers	20	25	
Fibrous Glass	25	30	100
Paint			
Vinyl			
Glue/Mastic			
Filler / Binder	30	35	
Granular Minerals	25	10	
Glue			
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: Meth Cook Approved Signatory: Meth Cook

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-7			-	1-8		1-9
	Yellow Fibrous		Yellow Fi	brous		Yell	ow Fibrous
Chrysotile							
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos			<u> </u>				
Cellulose / Wood Fibers							
Fibrous Glass	100			1	100		100
Paint							
Vinyl							
Glue/Mastic							
Filler / Binder							
Granular Minerals							
Glue							
Comments:	No Asbestos Detected	1	No Asbest	tos Detec	eted	No A	Asbestos Detected
9110			9/1			•	

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_ tto Cooker\_\_\_\_\_

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

 Date Analyzed:
 April 30, 2021

 Lab I.D. Number: 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-10		1-11		1-12	
	Yellow Fibrous	Beige	Granular	Beige	e Granular	
Chrysotile						
Anthophyllite						
Crocidolite						
Actinolite/ Tremolite						
Non-Asbestos						
Cellulose / Wood Fibers			3		5	
Fibrous Glass	100					
Paint						
Vinyl						
Glue/Mastic			2		3	
Filler / Binder			40		45	
Granular Minerals			55		47	
Glue						
Comments:	No Asbestos Detected	No A	sbestos Detected	No A	sbestos Detected	

Analyst: \_\_\_\_\_\_\_\_ / ett Cook \_\_\_\_\_ Approved Signatory: \_\_\_\_\_ / ett Cook \_\_\_\_\_

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-13			1-14				1-15	
	Beige Gra	nular		Beige Granular			Beig	e Granular	
Chrysotile									
Anthophyllite									
Crocidolite									
Actinolite/ Tremolite									
Non-Asbestos									
Cellulose / Wood Fibers			3		5	5		6	
Fibrous Glass									
Paint									
Vinyl									
Glue/Mastic			2		3	3		2	
Filler / Binder			50		4	5		40	
Granular Minerals			45		4	7		52	
Glue									
Comments:	No Asbest	os Dete	cted	No Asbest	tos Detect	ed	No A	Asbestos Detected	

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ letter Cooker\_\_\_\_

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-16	1-17	1-18
	Beige Granular	Beige Granular	Tan Granular
<u>Asbestos Minerals</u>			
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers	4	6	7
Fibrous Glass			
Paint			
Synthetics			
Glue			
Filler / Binder	50	45	40
Granular/Minerals	44	46	51
Mastic / Glue	2	3	2
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: Approved Signatory: Approved Signatory:

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-19	1-20	1-21		
	Tan Granular	Tan Granular	Tan Granular		
<u>Asbestos Minerals</u>					
Chrysotile					
Anthophyllite					
Crocidolite					
Actinolite/ Tremolite					
Non-Asbestos		_			
Cellulose / Wood Fibers	8	6	5		
Fibrous Glass					
Paint					
Synthetics					
Glue					
Filler / Binder	40	45	50		
Granular/Minerals	50	46	43		
Mastic / Glue	2	3	2		
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ / ett Cooken

## 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

#### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021

Client / Project Name:

Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Lab I.D. Number: 20210430

Sample Number	1-22	1-23	1-24
	Tan Granular	Tan Granular	Tan Granular
<u>Asbestos Minerals</u>			
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers	3	4	6
Fibrous Glass			
Paint			
Synthetics			
Glue			
Filler / Binder	50	45	40
Granular/Minerals	45	48	52
Mastic / Glue	2	3	2
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: Approved Signatory: Meth Cooker

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Lab I.D. Number: 20210430

Date Analyzed: April 30, 2021

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-25	1-26	1-27
	Tan Granular	Tan Granular	Tan Granular
<u>Asbestos Minerals</u>			
Chrysotile		12	12
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers	3	4	5
Fibrous Glass			
Paint			
Synthetics			
Glue			
Filler / Binder	40	40	45
Granular/Minerals	55	42	35
Mastic / Glue	2	2	3
Comments:	No Asbestos Detected	12% Chrysotile Asbest Tile &Mastic	os 12% Chrysotile Asbestos Tile &Mastic

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021

Client / Project Name:

Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Lab I.D. Number: 20210430

Sample Number	1-28		1-29			1-30	
	Tan Granular		Tan Granular		Tan Gra	nular	
<u>Asbestos Minerals</u>							
Chrysotile	12			12			12
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos			 				
Cellulose / Wood Fibers	6			7			8
Fibrous Glass							
Paint							
Synthetics							
Glue							
Filler / Binder	35			40			45
Granular/Minerals	45			38			33
Mastic / Glue	2			3			2
Comments:	12% Chrysotile Asbestos Tile & Mastic		12% Chry Tile & Ma	sotile Asbestos stic		12% Chr Tile & N	rysotile Asbestos Iastic

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Lab I.D. Number:** 20210430

Date Analyzed: April 30, 2021

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-31	1-32	1-33
	Tan Granular	Tan Granular	Gray Granular
<u>Asbestos Minerals</u>			
Chrysotile	12	12	15
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers	5	6	7
Fibrous Glass			
Paint			
Synthetics			
Glue			
Filler / Binder	35	40	45
Granular/Minerals	46	39	31
Mastic / Glue	2	3	2
Comments:	12% Chrysotile Asbestos Tile & Mastic	12% Chrysotile Asbestos Tile & Mastic	15% Chrysotile Asbestos Tile &Mastic

Analyst: Weth Cooken Approved Signatory: Weth Cooken

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-34	1-35	1-36
	Gray Granular	Gray Granular	Black Vinyl
Asbestos Minerals			
Chrysotile	15	15	
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
<u>Non-Asbestos</u>			
Cellulose / Wood Fibers	3	5	
Fibrous Glass			
Paint			
Synthetics			
Vinyl			97
Filler / Binder	40	45	
Granular/Minerals	39	33	
Mastic / Glue	3	2	3
Comments:	15% Chrysotile Asbestos Tile &Mastic	15% Chryostile Asbestos Tile &Mastic	No Asbestos Detected

Analyst: Approved Signatory: Meth Cook

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-37		1-39
	Black Vinyl	Black Vinyl	Gray Vinyl
<u>Asbestos Minerals</u>		i i i i	
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers			
Fibrous Glass			
Paint			
Synthetics			
Vinyl	98	98	99
Filler / Binder			
Granular/Min			
Mastic / Glue	2	2	1
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: Meth Cooker Approved Signatory: Meth Cooker

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-40	1-41	1-42
	Gray Vinyl	Gray Vinyl	White Granular
<u>Asbestos Minerals</u>			
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos		_	
Cellulose / Wood Fibers			20
Fibrous Glass			
Paint			
Synthetics			
Vinyl	97	98	
Filler / Binder			40
Granular/Minerals			40
Mastic / Glue	3	2	
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_\_ Letter Cooker\_\_\_\_

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-43			1-44		1-45	
	White Granular		White Granular		Whi	White Granular	
<u>Asbestos Minerals</u>							
Chrysotile							
Anthophyllite							
Crocidolite							
Actinolite/ Tremolite							
Non-Asbestos							
Cellulose / Wood Fibers		15		20		15	
Fibrous Glass							
Paint							
Synthetics							
Glue							
Filler / Binder		30		40		35	
Granular/Minerals		55		40		50	
Mastic / Glue							
Comments:	No Asbestos De	tected	No Asbest	os Detected	No a	Asbestos Detected	

Analyst: Approved Signatory: Approved Signatory:

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021

**Lab I.D. Number:** 20210430

Client / Project Name:	Goodlett Elementary/ 3001 South Goodlett Street	<b>Analyst:</b> Netta Cooper
------------------------	---	------------------------------

Sample Number	1-46	1-47	1-48	
	White Granular	White Fibrous	White Fibrous	
<u>Asbestos Minerals</u>				
Chrysotile				
Anthophyllite				
Crocidolite				
Actinolite/ Tremolite				
Non-Asbestos				
Cellulose / Wood Fibers	20	10	15	
Fibrous Glass		20	25	
Paint				
Synthetics				
Glue				
Filler / Binder	30	25	30	
Granular/Minerals	50	45	30	
Mastic / Glue				
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	

Analyst: Mette Cooken Approved Signatory: Mette Cooken

Goodlett Elementary/ 3001 South Goodlett Street

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021

Client / Project Name:

**Lab I.D. Number:** 20210430

**Analyst:** Netta Cooper

Sample Number	1-49	1-50	1-51	
	White Fibrous	White Fibrous	White Fibrous	
<u>Asbestos Minerals</u>				
Chrysotile				
Anthophyllite				
Crocidolite				
Actinolite/ Tremolite				
Non-Asbestos				
Cellulose / Wood Fibers	10	15	20	
Fibrous Glass	20	25	30	
Paint				
Synthetics				
Glue				
Filler / Binder	25	30	35	
Granular/Min	45	30	15	
Mastic / Glue				
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ letter Cooken

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Lab I.D. Number:** 20210430

Date Analyzed: April 30, 2021

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-52	1-53	1-54	
	Beige Granular	Beige Granular	Beige Granular	
<u>Asbestos Minerals</u>				
Chrysotile				
Anthophyllite				
Crocidolite				
Actinolite/ Tremolite				
Non-Asbestos				
Cellulose / Wood Fibers	3	5	6	
Fibrous Glass				
Paint				
Synthetics				
Glue				
Filler / Binder	30	35	40	
Granular/Minerals	65	57	52	
Mastic / Glue	2	3	2	
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	

Analyst: Meth Cook Approved Signatory: Meth Cook

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-55	1-56	1-57	
	Beige Granular	Beige Granular	Tan Granular	
<u>Asbestos Minerals</u>			Total Grands	
Chrysotile				
Anthophyllite				
Crocidolite				
Actinolite/ Tremolite				
Non-Asbestos				
Cellulose / Wood Fibers	5	6	7	
Fibrous Glass				
Paint				
Synthetics				
Glue				
Filler / Binder	40	45	50	
Granular/Minerals	53	46	41	
Mastic / Glue	2	3	2	
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ the Cooker\_\_\_\_\_

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

Date Analyzed: April 30, 2021

**Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street

**Analyst:** Netta Cooper

Sample Number	1-58	1-59	1-60
	Tan Granular	Tan Granular	Black Vinyl
<u>Asbestos Minerals</u>			
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			_,
Cellulose / Wood Fibers	6	8	
Fibrous Glass			
Paint			
Synthetics			
Vinyl			99
Filler / Binder	40	45	
Granular/Minerals	52	44	
Mastic / Glue	2	3	1
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: \_\_\_\_\_\_ Approved Signatory: \_\_\_\_\_ the Cooker\_\_\_\_

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

**Date Analyzed:** April 30, 2021 **Lab I.D. Number:** 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-61	1-62	1-63
	Black Vinyl	Black Vinyl	Brown Vinyl
<u>Asbestos Minerals</u>		i i i i i i i i i i i i i i i i i i i	
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers			
Fibrous Glass			
Vinyl	97	98	99
Synthetics			
Glue			
Filler / Binder			
Granular/Minerals			
Mastic / Glue	3	2	1
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
911. 8		2/1-12.	1

Analyst: Meth Cooke Approved Signatory: Meth Cooke

# 4515 Poplar Avenue, Suite 425 - Memphis, Tennessee 38117 (901) 761-5431

### **Bulk Sample Test Report**

 Date Analyzed:
 April 30, 2021

 Lab I.D. Number: 20210430

Client / Project Name: Goodlett Elementary/ 3001 South Goodlett Street Analyst: Netta Cooper

Sample Number	1-64	1-65	
	Brown Vinyl	Brown Vinyl	
Asbestos Minerals			
Chrysotile			
Anthophyllite			
Crocidolite			
Actinolite/ Tremolite			
Non-Asbestos			
Cellulose / Wood Fibers			
Fibrous Glass			
Paint			
Vinyl	98	99	
Glue			
Filler / Binder			
Granular/Minerals			
Mastic / Glue	2	1	
Comments:	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected

Analyst: Meth Cook Approved Signatory: Meth Cook

# **Asbestos Chain-of-Custody Form**

# National Econ Corporation / 4515 Poplar Ave.

#425Memphis, Tennessee 38117 / www.nationalecon.com

p-901-761-5431 / f-901-767-2466

~For Lab Use Only  $\sim$ 

Company Name:		Account Number:	
\ddress: 4515	National Econ Corporation Poplar Ave # 425	_City/State/Zip: Memphis, TN 38117	
hone #: 901-761-5431	61-5431 Email: cdervinnec@earthlink.net		Fax: 901-767-2466
Project Name /	Project Name / Testing Address: SCG (2000) (Ctt Elevi		City/State (Required): Me myNis T M
			P.O. #
Ollected by:			

# TURN AROUND TIMES: IF NO TAT IS SPECIFIED, SAMPLE(S) WILL BE PROCESSED AND CHARGED AS 3 - DAY TAT.

1   1 - 3   2 - 4 - 6   2 -		1 Day	2 Day	3 Day	* Same D	* Same Day – Must Call Ahead	Call Ahea	þe	* Weekend – Must Call Ahead
AM/PM	o N	Client Sample ID	HA Area #	Ĕ		001 Trino Tount		TEM - Bulk	Comments
AM/PM	-	6-1		Time	_	d 7			green Qu
AM/PM	2 2			AM / PM			-		Green
AM/PM	3	7-1		MA / PM					FT&M 12" Meditoryam
AM/PM  AM	4	11-12		AM / PM					
AM/PM	2	13-15		AM / PM					,727
AM/PM	9	1618		AM / PM					12" ivers
AM/PM AM/PM AM/PM AM/PM AM/PM  Signature: Condul Coope Date/Time: 4-29-31	7	16-31		AM / PM					growt
AM/PM AM/PM AM/PM AM/PM AM/PM Signature: Cody Coopy Date/Time: 4-39-31	8	70-00		AM / PM					रिस्ता ह
Signature: Coops Date/Time: 4-39-31	6	25.27		AM / PM					
Signature: ( Coop Date/Time: 4-39-31 1)	10	28-33		AM / PM					- 1
18th Cooper	Rele	Cordell C		Signature:	diel (	Dog			
	Rece	10th 00	NO.	Signature:	offer	ğ	3		Date/ lime: H-Dd-A

Asbestos Chain-of-Custody Form Additional Page(s)

Project: Coullet Elen

Company Name: \$CS

**NEC Order Number** LAB USE ONLY:

							j	
Lab No.	Client Sample ID	HA Area #	Collection Date リベルの 「Time じゅひ	MJd	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	Comments
	31-33		AM / PM					CT Main School
\	34-36		Portshop Day 18 1255 AM/PM					182 FTEM "Mexal Bldg
	37.34		183-183-243 AM/PM					" Des & Certiny
	24-97		and Sw bld no # AM/PM					183 FT &M 5
\	43-45		5					" Oly & Celling
	84-97		AM / PM					Jus Frem
	15.37		AM / PM					" Celing Tile
\	52-54		AM / PM					· OUNEN
	55-57		AM / PM					7
	28-60		AM / PM	9				SWANDER FTEM master 184
	Pol-63	9	AM / PM	b				" Caling & De
			AM / PM					7)
			AM / PM					
			AM / PM					
			AM / PM					
			AM / PM					
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			AM / PM					
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			AM / PM					
eles	Released by: Cord Cit Cord Co		Signature: 🖰 👝	2000	5	40		Date/Time: 4 26-31 Vot Am
ece	Received by: Notte Cooper		Signature	THE	5	000	d	Date/Time: 14-39-3/

Page 5 of H

# Asbestos Chain-of-Custody Form

# National Econ Corporation /4515 Poplar Ave.

#425Memphis, Tennessee 38117 / www.nationalecon.com

p-901-761-5431 / f-901-767-2466

~ For Lab Use Only ~

		Fax: 901-767-2466	City/State (Required): Me mohis TN	P.O. #	
Account Number:	City/State/Zip: Men	Email: cdervinnec@earthlink.net	(South Sedrons)		(A)
	National Econ Corporation		Goodlett Elem. Sch	SON Jr.	
ompany Name:	ddress: 4515 Poplar Ave # 425	hone #: 901-761-5431	roject Name / Testing Address: Goodlett Elem. School	ollected by: Wash Jchuson Jr.	

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×	1 Day	2 Day	E	3 Day	*Sam	* Same Day – Must Call Ahead	Must C	all Ahea	Ð	* Weekend – Must Call Ahead	
No.	Client Sample ID	HA Area #	Collection	tion		olnt Count	tnuoD tnio	losotorq YV	M - Bulk	Comments	
			Date	Time	PLM	400	1000 1000	brw v	13T		-
-	1-5	South Sections	1/29/2021	11:30 (AM) PM	X					(exting tile (wormhole)	-
2	6-10			AM / PM						Celling File (FB + plustic)	
3	11-11			AM / PM			1000			FT+M(12x12)(18600 Saft)(Derge)	E.
	18-33	energianista de la companya de la co		AM / PM						FT+ M(12×12)(0ff-white)(200059ff)	F
	23-25			AM / PM						FT+M(12×12)(orak)(300 20.H.)	
	26-32	distance of the second designation of the se	m eta vermente del escripcio de la proper del persona	AM / PM						FT+M (9×9)(+an) (5500 50,87)	
	33-35			AM / PM						FT+M(9x9)(gray)3005, ft)	
	36-38			AM / PM						CB+M (black)	
	39-41			AM / PM						CB+M (gras)	
10	9h-7h	Portable Bldgs #1,	Portable Bldgs # (#2,259,4207	AM / PM		0 0				DW+JC(no Je found)	
ea	Released by: Wash Johnson Jr.		and the second s	Signature: Ma	I fr	has	P			Date/Time: 4/29/2021 / 14:300	
e.	Received by: North Cooper	er		Signature	0		200	A		Date/Time: 4-39-21 /	
								1			,



Company Name:

# Asbestos Chain-of-Custody Form Additional Page(s)

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Project:

EHS Order Number LAB USE ONLY:

Lab No.	Client Sample ID	HA Area #	Date	<b>Collection</b> Time	MJq	PLM Point Count	PLM Point Count 1000	PLM NY Protocol	S LEM - Bulk	Comments
	47-51	Portable Bldgs	4/29/2021	11:30 AM / PM	× Ma				Ceiling File (wall board	wall beard)
	52-56	#1,#2,259	_	AM / PM	Mc				FTJM (berge)	
	5-7-59	+207		AM / PM	M				FT+M (tan)	
	60-62			AM / PM	Mc				CB+ M (black)	
	63-65		_	AM / PM	Σ				CB+ M (brown	
				AM / PM	Mc					
				MA / PM	Mc					
	Note: Partuble bldg #260			AM / PM	M			,		
	could not be opined,			AM / PM	Σ					
	and was not sampled.		The state of the s	AM / PM	M					
	0			AM / PM	M					
				AM / PM	Σ					
				MA / MA	Mc					
				AM / PM	Mc					
				AM / PM	Mc					
				AM / PM	Mc					
				AM / PM	Μc					
				AM / PM	Mc					
				AM / PM	Mc					
				AM / PM	Mc	0	6			
Relea	Released by: Wash Johnson Jr.			Signature:	Wark	Johnson	K		Date/Time:	14/29/2021/4:30
Recei	Received by: Noth, Oppor	ı		Signature:	6	the	00		Date/Time:	1-30-303/
					-		)	7		



### THE STATE OF TENNESSEE

Department of Environment and Conservation Division of Solid Waste Management
Toxic Substances Program

William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 14th Floor Nashville TN 37243

By virtue of the authority vested by the Division of Solid Waste Management, the Company named below is hereby accreditted to offer and/or conduct Asbestos activities pursuant to Rule 1200-01-20:

# **National Econ Corporation**

4515 Poplar Avenue Suite 425 Memphis TN, 38117

to conduct ASBESTOS ACTIVITIES in schools or public and commercial buildings in Tennessee. This firm is responsible for compliance with the applicable requirements of Rule 1200-01-20.

Discipline	Туре	Accreditation Number	Effective Date	Expiration Date	
Accreditation	Re-Accreditation	A-F-468-93627	August 25, 2020	September 30, 2021	7



Given under the Seal of the State of Tennessee in Nashville.

This 25th Day of August 2020

Division of Solid Waste Management Toxic Substance Program

CN-1324 (Rev 6/13)

RDA-3020

# THE STATE OF TENNESSEE

Department of Environment and Conservation
Division of Solid Waste Management
Toxic Substances Program

# Wash Johnson Jr.

DOB 10-Mar-1951 Sex HGT M 5'9"

WGT 200

Discipline

Accreditation

Expiration

Inspector

A-1-58118-97187

Nov-30-2021

**Project Monitor** 

A-PM-58118-94748

Oct-31-2021

Supervisor

A-S-58118-83279

Jan-31-2021

legist 12000000

creditation

Asbestos Accreditation