

April 14, 2020

Sandra Weaver Project Manager Dekalb County Facilities Management 1300 Commerce Drive, Ste. 300 Decatur, GA 30030

RE: Asbestos Survey

178 Sams Street Decatur, Georgia

Dear Ms. Weaver:

Diversified Environmental Management, Inc. (DEM) is pleased to present this report of Asbestos sampling results for the above referenced site. This letter details the results of the survey, and the Appendix contains data and text that outline the procedures and document the results of the study. The samples were collected and analyzed to specifically target observed suspect materials within the noted structure interior. The subject asbestos survey was conducted to support a renovation project.

Mr. Mustafa Adem both AHERA/ASHARA accredited Asbestos Inspector with DEM, performing the sampling on April 14 & 15, 2020. The subject property is a vacant three story building. The interior is generally finished with block and sheetrock walls with intermittent floor tile and carpet.

Bulk samples were submitted under appropriate Chain-of-Custody procedures to Analytical Environmental Services, Inc. (AES), in Atlanta, Georgia, a laboratory accredited for Polarized Light Microscopy (PLM) and Point Count Method (PCM) analysis of bulk samples for asbestos content. Asbestos Containing Materials (ACM), with 1% or greater asbestos, and are therefore; considered ACM,

The suspect materials observed and sampled in this survey included: 12" x 12" tile, carpet glue, ceiling tile, and drywall (joint compound).

Asbestos containing materials were not encountered during the survey.

Asbestos:

A total of seventy eight (78) homogenous asbestos suspect building material samples were collected from various locations including 12" x 12" tile, carpet glue, ceiling tile, and drywall (joint compound). The samples were hand delivered to *Analytical Environmental Services, Inc. of Atlanta, Georgia* to be analyzed for asbestos content. Five of the samples tested positive for asbestos with a concentration above EPA acceptable limit (1%). According to the EPA regulations, material containing greater than 1% concentration is considered asbestos.

SAMPLE #:	Location: Building #1	Asbestos Content:
1. 0414- MA1	12" x 12" Gray	NAD*
2. 0414- MA2	12" x 12" Gray	NAD
3. 0414- MA2.1	Rm. 130 Drywall Board	NAD
4. 0414- MA2.2	Rm. 130 Drywall Board	NAD
5. 0414- MA2.3	Rm. 130 Drywall Board	NAD
6. 0414- MA3.1	2 x 4 Ceiling Tile	NAD
7. 0414- MA3.2	2 x 4 Ceiling Tile	NAD
8. 0414- MA3.3	2 x 4 Ceiling Tile	NAD
9. 0414- MA4.1	Yellow Glue Under Carpet	NAD
10. 0414- MA4.2	Yellow Glue Under Carpet	NAD
11. 0414- MA4.3	Yellow Glue Under Carpet	NAD
12. 0414- MA5.1	12 x 12 Floor Tile	NAD
13. 0414- MA5.2	12 x 12 Floor Tile	NAD
14. 0414- MA5.3	12 x 12 Floor Tile	NAD
15. 0414- MA6.1	Rm. 0158 Drywall Board	NAD
16. 0414- MA6.2	Rm. 0158 Drywall Board	NAD
17. 0414- MA6.3	Rm. 0158 Drywall Board	NAD
18. 0414- MA7.1	Rm. 128 2 x 2 Ceiling Tile	NAD
19. 0414- MA7.2	Rm. 128 2 x 2 Ceiling Tile	NAD
20. 0414- MA7.3	Rm. 128 2 x 2 Ceiling Tile	NAD
21. 0414- MA8.1	Under Carpet Glue	NAD
22. 0414- MA8.2	Under Carpet Glue	NAD
23. 0414- MA8.3	Under Carpet Glue	NAD
24. 0414- MA9.1	12 x 12 Tile Under Carpet	NAD
25. 0414- MA9.2	12 x 12 Tile Under Carpet	NAD
26. 0414- MA9.3	12 x 12 Tile Under Carpet	NAD
27. 0414- MA10.1	Dry Powdery Yellow Glue Under Carpet	NAD
28. 0414- MA10.2	Dry Powdery Yellow Glue Under Carpet	NAD
29. 0414- MA10.3	Dry Powdery Yellow Glue Under Carpet	NAD
30. 0414- MA11.1	12 x 12 Brown Tile	NAD
31. 0414- MA11.2	12 x 12 Brown Tile	NAD
32. 0414- MA11.3	12 x 12 Brown Tile	NAD
33. 0414- MA12.1	Baseboard	NAD
34. 0414- MA12.2	Baseboard	NAD
35. 0414- MA12.3	Baseboard	NAD
36. 0414- MA13.1	Drywall Board	NAD

37. 0414- MA13.2	Drywall Board	NAD
38. 0414- MA13.3	Drywall Board	NAD
	2	
SAMPLE #:	Location: Building #2	Asbestos Content:
1. 0414- MA1.1	Glue Under Carpet	NAD *
2. 0414- MA1.2	Glue Under Carpet	NAD
3. 0414- MA1.3	Glue Under Carpet	NAD
4. 0414- MA2.1	12 x 12 Brown Tile	NAD
5. 0414- MA2.2	12 x 12 Brown Tile	NAD
6. 0414- MA2.3	12 x 12 Brown Tile	NAD
7. 0414- MA3.1	Drywall Board	NAD
8. 0414- MA3.2	Drywall Board	NAD
9. 0414- MA3.3	Drywall Board	NAD
10. 0414- MA4.1	Gray 12 x 12 Floor Tile	NAD
11. 0414- MA4.2	Gray 12 x 12 Floor Tile	NAD
12. 0414- MA4.3	Gray 12 x 12 Floor Tile	NAD
13. 0414- MA5.1	Powdery Yellow Glue Under Carpet	NAD
14. 0414- MA5.2	Powdery Yellow Glue Under Carpet	NAD
15. 0414- MA5.3	Powdery Yellow Glue Under Carpet	NAD
16. 0414- MA6.1	Light Brown Baseboard	NAD
17. 0414- MA6.2	Light Brown Baseboard	NAD
18. 0414- MA6.3	Light Brown Baseboard	NAD
19. 0414- MA7.1	12" x 12" Light Gray Floor Tile	NAD
20. 0414- MA7.2	12" x 12" Light Gray Floor Tile	NAD
21. 0414- MA7.3	12" x 12" Light Gray Floor Tile	NAD
22. 0414- MA8.1	Drywall Board	NAD
23. 0414- MA8.2	Drywall Board	NAD
24. 0414- MA8.3	Drywall Board	NAD
25. 0414- MA9.1	Powdery Yellow Glue Under Carpet	NAD
26. 0414- MA9.2	Powdery Yellow Glue Under Carpet	NAD
27. 0414- MA9.3	Powdery Yellow Glue Under Carpet	NAD
28. 0414- MA10.1	2 x 4 Ceiling Tile	NAD
29. 0414- MA10.2	2 x 4 Ceiling Tile	NAD
30. 0414- MA10.3	2 x 4 Ceiling Tile	NAD
31. 0414- MA11.1	Hallway Drywall Board	NAD
32. 0414- MA11.2	Hallway Drywall Board	NAD
33. 0414- MA11.3	Hallway Drywall Board	NAD
34. 0414- MA12.1	Rm. 0130 Drywall Board	NAD
35. 0414- MA12.2	Rm. 0130 Drywall Board	NAD
36. 0414- MA12.3	Rm. 0130 Drywall Board	NAD
37. 0414- MA13.1	Hallway Drywall Board	NAD
38. 0414- MA13.2	Hallway Drywall Board	NAD
39. 0414- MA13.3	Hallway Drywall Board	NAD

Sampling Methodology

The limited survey (limited in that the survey may not have penetrated beyond solid wood or other apparent substrates to ceiling, walls, and more typically flooring) for the area focused primarily on identifying suspect ACMs in the specified areas. Samples were analyzed by a laboratory accredited in accordance with Georgia law.

The intent of this survey was to identify suspect ACM and to collect and submit bulk samples of such materials for laboratory analysis to identify the presence/absence of asbestos content in the suspect materials. A number of representative offices, hallways, conference rooms within the facility were observed and the samples analyzed for asbestos content were collected from representative suspect materials observed by the DEM inspectors.

During a walk-through of the survey area, the inspector visually checked for the presence of suspect ACM. The inspection of the subject location included the following actives:

- Suspect materials were examined for variations in color, texture, thickness and other visually apparent characteristic useful in determining the uniformity of material.
- Each suspect material that appeared to uniform was assumed to be a Homogeneous Material (HM) and was assigned a number.
- For each HM, descriptions and general locations of suspect ACM were noted, and are presented in the non-detected Asbestos Samples Summary Table, the chain of custody, and in the laboratory reports.
- Since visual survey is inadequate to determine whether a material contains asbestos, each suspect material is presumed to be ACM until a sufficient number of samples of each material are analyzed for asbestos content. The minimum number of samples that must be collected and analyzed for asbestos content in order to establish a suspect material as non-ACM is dependent upon material type and quantity. For each miscellaneous suspect material that appeared to be homogeneous, a minimum of tree samples were collected.
- The inspector preformed bulk sampling in accordance with US EPA guidelines to minimize release of asbestos fibers during sample collection. Each bulk samples was thoroughly wetted with amended water and collected be removing a small piece or core of the suspect material and placing the sample in a clean, sealable container. An attempt was made to include each layer of suspect material present.
- Each sample was assigned a unique number, which was included on the sample container and on the chain-of-custody.
- Bulk samples were submitted under appropriate Chain-of-Custody procedures to Analytical Environmental Services, Inc. (AES), in Atlanta, Georgia, a laboratory accredited for PLM analysis bulk samples for asbestos content.

Laboratory Procedures

All suspect ACM samples were analyzed for asbestos content by polarized light microscopy (PLM) using dispersion staining (Method for the Determination of Asbestos in Bulk Building Materials" EPA/600/R93/116). This analytical method, which the US EPA currently recommends for the determination of asbestos in bulk samples, is used for the qualitative identification of six morphologically different types of asbestos fibers: chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite. The Fibrous composition of the bulk sample is reported in visually estimated percentages of asbestos and non-asbestos materials (i.e. cellulose, fibrous glass, synthetic).

The analytical results indicate the present asbestos content in the sampled material. The amount of asbestos identified in a sample of ACM may vary in a homogeneous material depending on the sample location. Such variation in content may be due to incomplete mixing of material components during manufacturing processed, or it may indicate that materials with visually similar appearance are actually of different composition.

Laboratory Accreditation

AES of Atlanta, Georgia, has received accreditation for PLM and TEM analysis under the National Voluntary Lab Accreditation Program (NVLAP) of the National Institute of Standards and Technology. To ensure quality, AES has developed an internal quality control program with the following features:

- Sample collection, preservation, storage, analysis and disposal methods comply with approved EPA and NIOSH methods.
- Analysts participate quarterly in proficiency rounds administered by AES and conducted with two other laboratories.
- Chain-of-Custody Records (COCR) are maintained on all samples both during the collection phase of the work during the in-house analysis.
- Statistical parameters or control charts are used to monitor accuracy of analysis and overall laboratory effectiveness.
- Laboratory personnel receive formal training in instrument operation and regular performance evaluations.
- A collection of reference samples is used to ensure analysts accuracy.
- Each sample is analyzed by two separate analysts.
- Sample certificates of analysis reagent certificates and sample container certificate files are maintained
- Hard copy QA/QC files are maintained for customer examination.

and the second second with the second s	nduct Regulated Asbestos Activities in Georgia
	ead-Based Paint and Asbestos Program Certification, Accreditation, Licensing Unit
	Richard E. Dunn, Director
GEORGIA	4244 International Parkway, Suite 104 Atlanta, Georgia 30354
Digorcified	Environmental Management, Inc.
	requirements of The Georgia Asbestos Safety Act, O.C.G.A.
12-12-1, et seq and the Rules	or Asbestos Removal and Encapsulation, Chapter 391-3-14, Is Hereb
	censed as an ASBESTOS CONTRACTOR and Encapsulate Friable Asbestos Containing Materials
Vithin the State of Georgia. Thi	s Certificate May Be Subject To Revocation, Suspension, Modificatio
	tor For Cause Including Evidence Of Noncompliance; Or For Any Application, Supporting Data Entered Therein Or Attached Thereto
	Supporting Data; Or Any Alterations Affecting The Ability To Perfo
Company Owner/President_	Duties Pronerly. Mustafa Adem
Company Mailing Address	
	3339 West Hospital Avenue
	Chamblee , Georgia 30341
Phone: (770) 622-2193	FAX 770/622-2135 E-Mail Address demservices@netzero.c
Company License Number	RN072211
Principal Agent's Name	Mustafa Adem
Agent's Date of Birth 6 /23/1953	Agent's HeightAgent's Weight5Ft.11185
Agent's Authoriz	ation Number 7438211
The Company License and the A run concurrently. The issue and	gent's Authorization are interconnected, and the issue and expiration d expiration dates shown below apply to both the Company License and
	nt ceases his authorization to serve, a replacement agent must be submi- immediately for approval consideration.
	ISSUE DATE EXPIRATION DATE
	7 /25/2017 7 /25/2020
	Jenneter Word
	Jennifer Vogel, Program Manager
and the state of the	Lead-Based Paint and Asbestos Progra



Client Name: Address: City, State, Zip: Contact: Sampler's Name: Report To:	4 SHAPA ANEM Projec) 457-8188 JU : t Name: tt Number: ing Date:	DG (770)C Lems 178 S 127 41 St	Work Order: <u>2004054</u> Page _ of _ AD CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193 CAD-2193
U		Analysis	Turnaround	Comments
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3 6 12	u c i			0
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5 auly-MA22	2 4 4			
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6 04/14- MA 200	E David him a	1 1		
7 0414-1177 3.	1 DIU was Date in			
8 4 312				
9 4 3.2	Drywall Book			Cray
10 0414-MA41	12×12 Floor the			Group
11 4542	u u u			
12 1 4 4	3 11 4 1	. All and		
13 1.414-MAS.1	Blue under Carpet			Doweder Jeffer
14 (7	1 1 1 1	1		
15	4 4 4		1 25-4	
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17 04 Mt-6	$\frac{1}{2}$ $\frac{\alpha}{\alpha}$ $\frac{\alpha}{\alpha}$			
18 6-	5 4 a file	-		lift foray
19 0414-MAN.	1 12×12×1000 pm			0
20 0414 Milel	- <u>u</u> <u>x</u> <u>x</u>		1	1/1<12
Relinquished by	" Mula/ 14	Date/Tim Date/Tim	/	13100
Received by: Relinquished by		Date/Tim		
Received by:		Date/Tim		
Submission of samples to the l	laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after day. If no TAT is marked on COC, AES will proceed with st	r 3PM or on Satu andard TAT.	rday are conside	red as received the following business

Lab Recipient: _______ Date/Time: ______ Date/Time: ______ Method of Shipment: ______ Page 1 of 16

ANALYTICAL ENVIRONMEN ES Services, inc	Analytical Environmenta 3080 Presidential Drive Atlant 2. Phone: (770) 457-8177 / Toll-Free: (800) 97 CHAIN OF CUS BULK ASBESTOS A	a, GA 30340-3704 72-4889 / Fax: (770) 457-8188 TODY	BL	₩ 86#	ork Order: <u>2000</u> Page <u>o</u>
lient Name:	EM, THU. 335 WEST HOSPIAN Hamplee, GA Mustafe Aden U	Project Name: Project Number: Sampling Date: Phone #: Invoice To Name(s): Invoice To Email(s): PO #:	178 12 4 77	Sam 73.0 14/2 0-6 50	3 5 treet 1 020 22-2153 m
Sample ID	Sample Location/Descriptio	on	Analysis Requested	Turnaround Time (TAT)	Comments
1 pUIL-MAN	3 17×12 Flour 41	le	PLM	Nexold	3
2 2414 - MAR	21 Drywall how	rl			
3 4 4 8	*2 / /				
4 , 9.	3 4 4				
5 1HIL-11 9.	1 Colue under Car	spet-yellon	1 ype	wde	M
6 10 394	2 4 10		/		/
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8 0414 M710.	1 2×24 Ceiling	fike.			
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0	5 m		Page 2 of 16

Analytical Environmental Services, Inc

Client:Diversified Environmental MgmtProject:178 SAMS STREETLab ID:2004D54

Case Narrative

Sample Receiving Nonconformance:

Two samples 10.2 were received and no sample 10.1. Samples were loged in randomly as 2004D54-028A and 2004D54-029A.



3080 Presidential Drive Atlanta,GA 30340 Tel :(770) 457-8177 Fax:(770) 457-8188

Bulk Sample Summary Report



Report Date: 16-Apr-20

AES Job Number: Client Name: **Diversified Environmental Mgmt** 2004D54 Project Name: **178 SAMS STREET** Project Number: 1273.01 **Asbestos Mineral Percentage Client ID AES ID** Location Comments CH AM CR AN TR AC ND GLUE UNDER CARPET ND ND ND ND ND 2004D54 0414-MA1.1 -001A Layer: 1 ND ND ND ND ND ND 2004D54 GLUE UNDER CARPET 0414-MA1.2 -002A Layer: 1 2004D54 GLUE UNDER CARPET ND ND ND ND ND ND 0414-MA1.3 -003A Layer: 1 2004D54 12X12 FLOOR TILE ND ND ND Floor tile ND ND ND 0414-MA2.1 -004A Layer: 1 12X12 FLOOR TILE ND ND ND ND ND ND Glue 2004D54 0414-MA2.1 -004A Layer: 2 Floor tile ND ND ND ND ND ND 2004D54 12X12 FLOOR TILE 0414-MA2.2 -005A Layer: 1

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

AES,Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116), 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

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Microanalyst:

Heref

QC Analyst:

Yelena Khanina

Page 4 of 16

Elena Ivanova



3080 Presidential Drive Atlanta,GA 30340 Tel :(770) 457-8177 Fax:(770) 457-8188

Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: AES Job Number: 2004D54 **Diversified Environmental Mgmt** Project Name: **178 SAMS STREET** Project Number: 1273.01 Asbestos Mineral Percentage AES ID **Client ID** Location Comments CH AM CR AN TR AC 2004D54 12X12 FLOOR TILE ND ND ND ND ND ND Glue 0414-MA2.2 -005A Layer: 2 Floor tile 12X12 FLOOR TILE ND ND ND ND ND ND 2004D54 0414-MA2.3 -006A Layer: 1 Glue 12X12 FLOOR TILE ND ND ND ND ND ND 2004D54 0414-MA2.3 -006A Layer: 2 ND ND ND ND Paint included as binder 2004D54 DRYWALL BOARD ND ND 0414-MA3 1 -007A Layer: 1 ND ND ND ND ND ND DRYWALL BOARD 2004D54 0414-MA3.1 -007A Layer: 2 2004D54 DRYWALL BOARD ND ND ND ND ND ND 0414-MA3.1 -007A Layer: 3

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

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Microanalyst:

Affer

QC Analyst:

Yelena Khanina

Page 5 of 16

Elena Ivanova



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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: AES Job Number: 2004D54 **Diversified Environmental Mgmt** Project Name: **178 SAMS STREET** Project Number: 1273.01 Asbestos Mineral Percentage AES ID **Client ID** Location Comments CH AM CR AN TR AC Paint included as binder 2004D54 DRYWALL BOARD ND ND ND ND ND ND 0414-MA3.2 -008A Layer: 1 DRYWALL BOARD ND ND ND ND ND ND 2004D54 0414-MA3.2 -008A Layer: 2 ND ND ND ND ND ND DRYWALL BOARD 2004D54 0414-MA3.2 -008A Layer: 3 ND ND ND ND Paint included as binder 2004D54 DRYWALL BOARD ND ND 0414-MA3 3 -009A Layer: 1 ND ND ND ND ND ND DRYWALL BOARD 2004D54 0414-MA3.3 -009A Layer: 2 2004D54 DRYWALL BOARD ND ND ND ND ND ND 0414-MA3.3 -009A Layer: 3

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Microanalyst:

Affer Elena Ivanova

QC Analyst:

Yelena Khanina

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3080 Presidential Drive Atlanta,GA 30340 Tel :(770) 457-8177 Fax:(770) 457-8188

Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name:	Name: Diversified Environmental Mgmt					AES Job Number: 2004D54						
Project Name: 178 SAMS STREET						Project Number: 1273.01						
Client ID	AES ID	Location	A CH	sbesto AM	s Mine CR	ral Pe AN	rcenta TR	ge AC	Comments			
0414-MA4.1	2004D54 -010A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Floor tile			
Layer: 1												
0414-MA4.1	2004D54 -010A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Glue			
Layer: 2												
0414-MA4.2	2004D54 -011A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Floor tile			
Layer: 1												
0414-MA4.2	2004D54 -011A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Glue			
Layer: 2												
0414-MA4.3	2004D54 -012A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Floor tile			
Layer: 1												
0414-MA4.3	2004D54 -012A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Glue			
Layer: 2												

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Microanalyst:

they Elena Ivanova

QC Analyst:

Yelena Khanina

Page 7 of 16



3080 Presidential Drive Atlanta,GA 30340 Tel :(770) 457-8177 Fax:(770) 457-8188

Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: AES Job Number: 2004D54 **Diversified Environmental Mgmt** Project Name: **178 SAMS STREET** Project Number: 1273.01 Asbestos Mineral Percentage AES ID **Client ID** Location Comments CH AM CR AN TR AC 2004D54 GLUE UNDER CARPET ND ND ND ND ND ND 0414-MA5.1 -013A Layer: 1 GLUE UNDER CARPET ND ND ND ND ND ND 2004D54 0414-MA5.2 -014A Layer: 1 GLUE UNDER CARPET ND ND ND ND ND ND 2004D54 0414-MA5.3 -015A Layer: 1 ND ND ND ND 2004D54 BASEBOARD ND ND 0414-MA6 1 -016A Layer: 1 ND ND ND ND ND ND BASEBOARD 2004D54 0414-MA6.2 -017A Layer: 1 2004D54 BASEBOARD ND ND ND ND ND ND 0414-MA6.3 -018A Layer: 1

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name:	ent Name: Diversified Environmental Mgmt AES Job Num						umbe	r: 20	004D54
Project Name:	178 SAMS STREETProject Number:12								273.01
Client ID	AES ID	Location	A CH	sbesto AM	s Mine CR	eral Pe AN	rcenta TR	ge AC	Comments
0414-MA6.3	2004D54 -018A	BASEBOARD	ND	ND	ND	ND	ND	ND	
Layer: 2									
0414-MA6.3	2004D54 -018A	BASEBOARD	ND	ND	ND	ND	ND	ND	
Layer: 3									
0414-MA7.1	2004D54 -019A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Floor tile
Layer: 1									
0414-MA7.1	2004D54 -019A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Glue
Layer: 2									
0414-MA7.2	2004D54 -020A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Floor tile
Layer: 1									
0414-MA7.2	2004D54 -020A	12X12 FLOOR TILE	ND	ND	ND	ND	ND	ND	Glue
Layer: 2									

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ND = None Detected

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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: AES Job Number: 2004D54 **Diversified Environmental Mgmt** Project Name: **178 SAMS STREET** Project Number: 1273.01 Asbestos Mineral Percentage AES ID **Client ID** Location Comments CH AM CR AN TR AC 2004D54 12X12 FLOOR TILE ND ND ND ND ND ND Floor tile 0414-MA7.3 -021A Layer: 1 Glue 12X12 FLOOR TILE ND ND ND ND ND ND 2004D54 0414-MA7.3 -021A Layer: 2 Paint included as binder ND ND ND ND ND ND DRYWALL BOARD 2004D54 0414-MA8.1 -022A Layer: 1 ND ND ND ND 2004D54 DRYWALL BOARD ND ND 0414-MA8 1 -022A Layer: 2 ND ND ND ND ND ND Paint included as binder DRYWALL BOARD 2004D54 0414-MA8.2 -023A Layer: 1 2004D54 DRYWALL BOARD ND ND ND ND ND ND 0414-MA8.2 -023A Layer: 2

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: AES Job Number: 2004D54 **Diversified Environmental Mgmt** Project Name: **178 SAMS STREET** Project Number: 1273.01 Asbestos Mineral Percentage AES ID **Client ID** Location Comments CH AM CR AN TR AC 2004D54 DRYWALL BOARD ND ND ND ND ND ND 0414-MA8.2 -023A Layer: 3 DRYWALL BOARD ND ND ND ND ND ND 2004D54 0414-MA8.3 -024A Layer: 1 ND ND ND ND ND ND DRYWALL BOARD 2004D54 0414-MA8.3 -024A Layer: 2 ND ND ND ND 2004D54 GLUE UNDER ND ND 0414-MA91 CARPET-YELLOW -025A POWDERY Layer: 1 ND ND ND ND ND ND 2004D54 GLUE UNDER 0414-MA9.2 CARPET-YELLOW -026A POWDERY Layer: 1 2004D54 GLUE UNDER ND ND ND ND ND ND 0414-MA9.3 CARPET-YELLOW -027A POWDERY Layer: 1

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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name:Diversified Environmental MgmtProject Name:178 SAMS STREET					AES Job Number:2004D54Project Number:1273.01							
Client ID	AES ID	Location	A CH	sbesto AM	s Mine CR	eral Pe AN	rcenta TR	ge AC	Comments			
0414-MA10.1	2004D54 -028A	2X4 CEILING TILE	ND	ND	ND	ND	ND	ND	Paint included as binder			
Layer: 1												
0414-MA10.2	2004D54 -029A	2X4 CEILING TILE	ND	ND	ND	ND	ND	ND	Paint included as binder			
Layer: 1												
0414-MA10.3	2004D54 -030A	2X4 CEILING TILE	ND	ND	ND	ND	ND	ND	Paint included as binder			
Layer: 1												
0414-MA11.1	2004D54 -031A	DRYWALL BOARD HALLWAY	ND	ND	ND	ND	ND	ND				
Layer: 1												
0414-MA11.1	2004D54 -031A	DRYWALL BOARD HALLWAY	ND	ND	ND	ND	ND	ND				
Layer: 2												
0414-MA11.2	2004D54 -032A	DRYWALL BOARD HALLWAY	ND	ND	ND	ND	ND	ND				
Layer: 1												

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For comments on the samples, see the individual analysis sheets.

ND = None Detected

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Elena Ivanova



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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: Project Name:						AES Job Number:2004D54Project Number:1273.01						
Client ID	AES ID	Location	A CH	Asbestos Mineral Percentage Comme CH AM CR AN TR AC								
0414-MA11.3	2004D54 -033A	DRYWALL BOARD HALLWAY	ND	ND	ND	ND	ND	ND				
Layer: 1												
0414-MA11.3	2004D54 -033A	DRYWALL BOARD HALLWAY	ND	ND	ND	ND	ND	ND				
Layer: 2												
0414-MA12.1	2004D54 -034A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	Paint included as binder			
Layer: 1												
0414-MA12.1	2004D54 -034A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND				
Layer: 2												
0414-MA12.1	2004D54 -034A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND				
Layer: 3												
0414-MA12.2	2004D54 -035A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	Paint included as binder			
Layer: 1												

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

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QC Analyst:

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3080 Presidential Drive **Bulk Sample Summary Report** Atlanta, GA 30340 Tel :(770) 457-8177

Diversified Environmental Mgmt

Report Date: 16-Apr-20

Client Name:

Fax:(770) 457-8188

AES Job Number: 2004D54

Project Name: 178 SAMS STREET Project Number: 12						273.01			
Client ID	AES ID	Location		sbesto AM	s Mine CR		rcenta TR	ge AC	Comments
0414-MA12.2	2004D54 -035A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	
Layer: 2									
0414-MA12.2	2004D54 -035A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	
Layer: 3									
0414-MA12.3	2004D54 -036A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	Paint included as binder
Layer: 1									
0414-MA12.3	2004D54 -036A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	
Layer: 2									
0414-MA12.3	2004D54 -036A	DRYWALL BOARD RM #0130	ND	ND	ND	ND	ND	ND	

ND

ND

ND

ND

ND

ND

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

2004D54

-037A

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ND = None Detected

Layer: 3

Layer: 1

0414-MA13.1

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DRYWALL BOARD

HALLWAY

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Bulk Sample Summary Report



Report Date: 16-Apr-20

Client Name: AES Job Number: 2004D54 **Diversified Environmental Mgmt** Project Name: **178 SAMS STREET** Project Number: 1273.01 Asbestos Mineral Percentage AES ID **Client ID** Location Comments CH AM CR AN TR AC 2004D54 DRYWALL BOARD ND ND ND ND ND ND 0414-MA13.2 HALLWAY -038A Layer: 1 Paint included as binder DRYWALL BOARD ND ND ND ND ND ND 2004D54 0414-MA13.3 HALLWAY -039A Layer: 1 ND ND ND ND ND ND DRYWALL BOARD 2004D54 0414-MA13.3 HALLWAY -039A Layer: 2 ND ND ND ND 2004D54 DRYWALL BOARD ND ND 0414-MA13.3 HALLWAY -039A Layer: 3

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End of Report