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Addendum

Solicitation Name	Demolition of Properties for MKAA Q1925	Addendum Number	2	Date	04/02/2019
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This addendum answers questions raised about this solicitation. To aid in readability, the questions are in black, the answers are in **bolded blue**, and the answers follow immediately below.

Q1	Will KCDC extend the due date for questions to be submitted?
	Yes, the deadline for questions is extended to Wednesday, April 3, 2019 @ 4:00 p.m.
Q2	Will KCDC post the asbestos report?
	Yes, KCDC has attached the asbestos report to this Addendum #2; see Attachment #1. The volume data for this report will be posted as Addendum #3, shortly.
Q3	Who is responsible for utility abandonment?
	Per Section 3.02 of the solicitation documents, the Airport Authority will be responsible for utility abandonment to the road.
Q4	Are the rock driveways to be installed after the demolition?
	No. The rock driveways should be installed prior to demolition.
Q5	May vegetative material from the Callahan Road site be taken to the Louisville site for disposal?
	Yes.
Q6	Does KCDC prefer their standard Bid envelope cover (not included in bid documents) or can contractor's use their own?
	Contractor can use their own form. The form must include the Contractor's Name, Licensing Classification, License Number and Expiration Date.
Q6	Will a Bid Bond & Payment/Performance Bond be required? If yes, can an Irrevocable Letter of Credit be used?
	No, Bid Bond & Payment/Performance Bonds are not required.



ATTACHMENT #1



McCall and Spero
Environmental, Inc.
Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: customerservice@mselabs.com • Website: www.mselabs.com

Date: December 5, 2018

Attention: Adam Helton
Helton & Associates

Subject: Analysis of bulk samples for asbestos mineral fibers by Polarized Light
Microscopy (PLM) with Dispersion Staining (EPA/600/R-93/116)

RE: MSE-PN308HE
KCDC House, 2046 Callahan Road, Louisville TN Project
HE# HAI# 318-1260

Dear Mr. Helton:

McCall & Spero Environmental, Inc. has completed the analyses of the bulk samples we received from your offices on November 30, 2018. These samples represent the bulk samples from the KCDC House, 2046 Callahan Road, Louisville TN Project.

The PLM bulk analysis was performed according to the "Method of the Determination of Asbestos in Bulk Building Materials", R. L. Perkins and B. W. Harvey (EPA/600/R-93/116).

The results for the fifty-five (55) samples are summarized in the following report. Please note that for samples consisting of two or more distinct components, each component is analyzed and reported individually (EPA 40 CFR Part 61 [FRL-4821-71]).

Thank you for consulting McCall & Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.
Director of Testing Services



**ATTACHMENT #1
CONTINUED**

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 1

Project Name: KCDC House, 2046 Callahan Road, Louisville TN Project HE# HAI# 318-1260
McCall & Spero Environmental Project No. MSE-PN308HE

MSE # PN308HE-	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	KCDC-CD-01A (A) Ceiling Material	ND	Cellulose / 15%	85%	White
001 (B)	KCDC-CD-01A (B) Texture	ND	Cellulose / 3%	97%	White
002 (A)	KCDC-CD-01B (A) Ceiling Material	ND	Cellulose / 15%	85%	White
002 (B)	KCDC-CD-01B (B) Texture	ND	Cellulose / 3%	97%	White
003 (A)	KCDC-CD-01C (A) Ceiling Material	ND	Cellulose / 15%	85%	White
003 (B)	KCDC-CD-01C (B) Texture	ND	Cellulose / 3%	97%	White
004 (A)	KCDC-CD-02A (A) Wall Material	ND	Cellulose / 15%	85%	White
004 (B)	KCDC-CD-02A (B) Joint Compound	ND	Cellulose / 2%	98%	White
005 (A)	KCDC-CD-02B (A) Wall Material	ND	Cellulose / 15%	85%	White
005 (B)	KCDC-CD-02B (B) Joint Compound	ND	Cellulose / 2%	98%	White
006 (A)	KCDC-CD-02C (A) Wall Material	ND	Cellulose / 15%	85%	White
006 (B)	KCDC-CD-02C (B) Joint Compound	ND	Cellulose / 2%	98%	White
007	KCDC-CD-03A 1 st Layer Linoleum	ND**	Cellulose / 10%	90%	Gray
008	KCDC-CD-03B 1 st Layer Linoleum	ND**	Cellulose / 10%	90%	Gray
009	KCDC-CD-03C 1 st Layer Linoleum	ND**	Cellulose / 10%	90%	Gray

McCall & Spero Environmental, Inc.

**ATTACHMENT #1
CONTINUED**

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE # PN308HE-	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
010	KCDC-CD-03AM Mastic under 03	ND**	Cellulose / 4%	96%	Yellow / White
011	KCDC-CD-03BM Mastic under 03	ND**	Cellulose / 4%	96%	Yellow / White
012	KCDC-CD-03CM Mastic under 03	ND**	Cellulose / 4%	96%	Yellow / White
013	KCDC-CD-04A 2 nd Layer Linoleum	CH / 15%	Cellulose / 25%	60%	Beige / Brown
014	KCDC-CD-04B 2 nd Layer Linoleum	CH / 15%	Cellulose / 25%	60%	Beige / Brown
015	KCDC-CD-04C 2 nd Layer Linoleum	CH / 15%	Cellulose / 25%	60%	Beige / Brown
016	KCDC-CD-04AM Mastic under 04	CH / 3%	Cellulose / 7%	90%	Yellow
017	KCDC-CD-04BM Mastic under 04	CH / 3%	Cellulose / 7%	90%	Yellow
018	KCDC-CD-04CM Mastic under 04	CH / 3%	Cellulose / 7%	90%	Yellow
019	KCDC-CD-05A 12x12 Floor Tile	ND**	Cellulose / 3%	97%	Cream
020	KCDC-CD-05B 12x12 Floor Tile	ND**	Cellulose / 3%	97%	Cream
021	KCDC-CD-05C 12x12 Floor Tile	ND**	Cellulose / 3%	97%	Cream
022	KCDC-CD-05AM Mastic under 05	ND**	Cellulose / 5%	95%	Yellow
023	KCDC-CD-05BM Mastic under 05	ND**	Cellulose / 5%	95%	Yellow
024	KCDC-CD-05CM Mastic under 05	ND**	Cellulose / 5%	95%	Yellow

McCall & Spero Environmental, Inc.

**ATTACHMENT #1
CONTINUED**

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 3

MSE # PN308HE-	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
025	KCDC-CD-06A 2x4 Smooth Ceiling Tile	ND	Cellulose / 40% Glass / 20%	40%	White
026	KCDC-CD-06B 2x4 Smooth Ceiling Tile	ND	Cellulose / 40% Glass / 20%	40%	White
027	KCDC-CD-06C 2x4 Smooth Ceiling Tile	ND	Cellulose / 40% Glass / 20%	40%	White
028	KCDC-CD-07A 2x4 Grooved Ceiling Tile	ND	Cellulose / 40% Glass / 30%	30%	White
029	KCDC-CD-07B 2x4 Grooved Ceiling Tile	ND	Cellulose / 40% Glass / 30%	30%	White
030	KCDC-CD-07C 2x4 Grooved Ceiling Tile	ND	Cellulose / 40% Glass / 30%	30%	White
031	KCDC-CD-08A Shingle Top Layer	ND**	Cellulose / 3% Glass / 10% Synthetics / 3%	84%	Black
032	KCDC-CD-08B Shingle Top Layer	ND**	Cellulose / 3% Glass / 10% Synthetics / 3%	84%	Black
033	KCDC-CD-08C Shingle Top Layer	ND**	Cellulose / 3% Glass / 10% Synthetics / 3%	84%	Black
034	KCDC-CD-09A Shingle Bottom Layer	ND**	Cellulose / 5% Glass / 10%	85%	Black
035	KCDC-CD-09B Shingle Bottom Layer	ND**	Cellulose / 5% Glass / 10%	85%	Black
036	KCDC-CD-09C Shingle Bottom Layer	ND**	Cellulose / 5% Glass / 10%	85%	Black
037	KCDC-CD-10A Linoleum	CH / 10%	Cellulose / 30%	60%	Cream / Tan
038	KCDC-CD-10B Linoleum	CH / 10%	Cellulose / 30%	60%	Cream / Tan

McCall & Spero Environmental, Inc.

**ATTACHMENT #1
CONTINUED**

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 4

MSE # PN308HE-	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
039	KCDC-CD-10C Linoleum	CH / 10%	Cellulose / 30%	60%	Cream / Tan
040	KCDC-CD-10AM Mastic	CH / 2%	Cellulose / 3%	95%	Yellow
041	KCDC-CD-10BM Mastic	CH / 2%	Cellulose / 3%	95%	Yellow
042	KCDC-CD-10CM Mastic	CH / 2%	Cellulose / 3%	95%	Yellow
043	KCDC-CD-11A Linoleum	CH / 15%	Cellulose / 25%	60%	Blue / Light Blue
044	KCDC-CD-11B Linoleum	CH / 15%	Cellulose / 25%	60%	Blue / Light Blue
045	KCDC-CD-11C Linoleum	CH / 15%	Cellulose / 25%	60%	Blue / Light Blue
046	KCDC-CD-11AM Mastic under 11	CH / 3%	Cellulose / 2%	95%	Yellow
047	KCDC-CD-11BM Mastic under 11	CH / 3%	Cellulose / 2%	95%	Yellow
048	KCDC-CD-11CM Mastic under 11	CH / 3%	Cellulose / 2%	95%	Yellow
049	KCDC-CD-12A Blown Insulation	ND	Glass / 95%	5%	White

McCall & Spero Environmental, Inc.

**ATTACHMENT #1
CONTINUED**

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 5

NOTES:

ND = None Detected
CR = Crocidolite

CH = Chrysotile
AN = Anthophyllite

A = Amosite

AC = Actinolite

TR = Tremolite

For samples consisting of separate components, each component is analyzed and reported separately.

Results apply only to items tested. Quantification is accurate to within $\pm 10\%$. Results from this report must not be reproduced, except in full, with the approval of McCall & Spero Environmental, Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

** EPA recommends that bulk materials found negative for asbestos or less than one percent asbestos by polarized light microscopy that fall into one of five dominantly nonfriable categories be reanalyzed by an additional method, such as transmission electron microscopy. (EPA Notice of Advisory, FR Vol. 59, No. 146 & Test Method EPA 600/R-93/116).

Analyst: Amber D. Schultz, B.A.



McCall & Spero Environmental, Inc.

**ATTACHMENT #1
CONTINUED**



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BULK SAMPLE CHAIN OF CUSTODY FORM

Company:	HELTON & ASSOCIATES		Telephone #	(865) 970-3932		Fax #:	(865) 970-2912	
Contact:	Adam Helton		Client Project Number:	318-1260				
Relinquished by:	Adam Helton		Date:	11-29-2018		Time:	12:00 P. M.	
Written Report To:	Adam Helton							
Project Name:	KCDC HOUSE 2046 CALLAHAN RD., LOUISVILLE, TN/ HAI#318-1260							
Turn-Around (Circle One):	Same	24	2-3	4-5	Weekend	Rush	After Hour	Rush
	Day	Hour	Day	Day				
Analysis Requested (Circle One):	PLM Bulk Analysis		TEM Qualitative Analysis		TEM Quantitative Analysis (4-5 Day)			

For Laboratory Use Only

MSE Project # PN308HE Method: EPA/600/R-93/116
 Samples Received by: [Signature] Date: 11/30/18 Time: 1000

Client Sample Number	Location	Sample Description	Sampled By
KCDC-CD-01A	BIG ROOM	CEILING MATERIAL	AH
01B	UPSTAIRS BEDROOM	" "	AH
01C	BASEMENT BIG ROOM	" "	AH
KCDC-CD-02A	MASTER BED ROOM	WALL MATERIAL	AH
02B	KITCHEN	" "	AH
02C	GARAGE	" "	AH
KCDC-CD-03A	KITCHEN	1 ST LAYER LINOLEUM GREY	AH
03B	" "	" "	AH
03C	" "	" "	AH
KCDC-CD-03AM	KITCHEN	MASTIC UNDER 03	AH
03BM	" "	" "	AH
03CM	" "	" "	AH
KCDC-CD-04A	KITCHEN	2 ND LAYER LINOLEUM BROWN	AH
04B	" "	" "	AH
04C	LAUNDRY HALLWAY	" "	AH
KCDC-CD-04AM	KITCHEN	MASTIC UNDER 04	AH
04BM	" "	" "	AH
04CM	" "	" "	AH