

**ADDENDUM ONE
CITY HALL AND CITY COUNCIL EXTERIOR
REFURBSHMENTS CONTRACT NO. E-18-017
CITY OF CHATTANOOGA, TENNESSEE**

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

I. Bid opening date

- A. The bid opening date is extended to April 16, 2019. Time and place of opening are unchanged.

Follow-up response to Bid Questions:

2. I do not see the lead paint/asbestos report in the bid documents. Can you send a copy?

ACM Report is attached (Caulking at Architectural Window panels contains 2-3% Chrysotile for both buildings). Total Quantity of ACM to be disturbed by this project is about 500 linear feet of caulking. This quantity is below the reporting requirements of EPA, TDEC, and Hamilton County, so an abatement permit is not required.

April 8, 2019

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

Summary of Asbestos Sampling

Project Name: City Hall and City Council Refurbishments	Project Number: 3281-18-083A
Location: Chattanooga, Tennessee	Sampling Date(s): 4/5/2019

HOMOGENEOUS AREA

SAMPLE DATA

HA Area	Material Description	Material Location	Quantity	¹ Cat (F/I/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	⁴ Sample Location	Type and Percent Asbestos
CH-A	Dark to light grey Caulk	Around City Hall replacement windows	-	NA	Misc.	Good / Low	CH-A1 CH-A2	East Window above annex West Window above annex	ND
CH-B	White Caulk	Under grey paint around architectural window panels of City Hall	250 LF	II	Misc.	Good /High	CH-B1 CH-B2	East Window above annex West Window above annex	2% Chrysotile
CH-C	White Caulk	On masonry of City Hall and in mortar joints on ledge to be cleaned	-	NA	Misc.	Good / High	CH-C1 CH-C2	Next to Window above annex On ledge to be cleaned next to annex	ND
CH-D	Tan Stucco	Around doors at mechanical room	-	NA	Misc.	Good / Low	CH-D1 CH-D2	Mechanical Room doors Door next to Mech. Rm	ND
CH-E	Cement Board	Around door frame next to Mayor's parking space	-	NA	Misc.	Good / Low	CH-E1 CH-E2	Left side of door Right side of door	ND
CH-F	White caulk	City Hall below grade entrys, on masonry next to doors	-	NA	Misc.	Good / High	CH-F1 CH-F2	Lindsay Entry 10 th St Entry	ND
CH-G	Light Grey Caulk	City Hall on steps at entry	-	NA	Misc.	Good / Low	CH-G1 CH-G2	Lindsay Steps 10 th St Steps	ND
CC-A	White caulk	Under grey paint around architectural	250 LF	II	Misc.	Poor / High	CC-A1 CC-A2	East side of City Council West side of City Council	3% Chrysotile

ND = None Detected

NA = Not Applicable

SF = Square feet

LF = Linear feet

CF = Cubic Feet

¹Category: F=Friable I=Category I, Non-Friable II=Category II, Non-Friable-

²Type; Misc. = Miscellaneous Sur = Surfacing TSI = Thermal System Insulation

³Condition: Good, Fair or Poor Accessible during renovation or demolition with Potential for Disturbance; Low or High

⁴Sample Location: Refer to attached field drawing for specific sample locations. Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name: City Hall and City Council Refurbishments	Project Number: 3281-18-083A
Location: Chattanooga, Tennessee	Sampling Date(s): 4/5/2019

HOMOGENEOUS AREA

SAMPLE DATA

HA Area	Material Description	Material Location	Quantity	¹ Cat (F/I/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	⁴ Sample Location	Type and Percent Asbestos
		window panels of City Council							
CC-B	White Caulk	In mortar joints of City Council	-	NA	Misc.	Poor / High	CC-B1 CC-B2	North side of City Council South Side of City Council	ND

ND = None Detected

NA = Not Applicable

SF = Square feet

LF = Linear feet

CF = Cubic Feet

¹Category: F=Friable I=Category I, Non-Friable II=Category II, Non-Friable

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³Condition: Good, Fair or Poor Accessible during renovation or demolition with Potential for Disturbance; Low or High

⁴Sample Location: Refer to attached field drawing for specific sample locations. Quantities are approximate and should not be used for cost estimates or bidding purposes.

<⁵Sample analyzed by TEM> <⁵Sample analyzed by Point Count Method> <⁵Composite sample of wallboard and joint compound analyzed by Point Count.>



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Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY

Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Chattanooga Branch
Client Job City Hall & City Council

4291 Hwy 58 Suite 101
Chattanooga TN 37379

Date Received 4/8/2019

Date Analyzed 4/8/2019

Job Number 3281-18-083A

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
19-2987	CH A-1	GREY PLIABLE		ND		100 OTHER
19-2988	CH A-2	GREY PLIABLE		ND		100 OTHER
19-2989	CH B-1	GREY PLIABLE		ND		100 OTHER
19-2990	CH B-2	GREY/BROWN PLIABLE		2 CHRYSOTILE		98 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested. The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 3281-18-083A

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
19-2991	CH C-1	GREY PLIABLE		ND		100 OTHER
19-2992	CH C-2	GREY PLIABLE		ND		100 OTHER
19-2993	CH D-1	GREY GRANULAR		ND		100 OTHER
19-2994	CH D-2	GREY GRANULAR		ND		100 OTHER
19-2995	CH E-1	GREY FIBROUS		ND	15 CELLULOSE	85 OTHER
19-2996	CH E-2	GREY FIBROUS		ND	15 CELLULOSE	85 OTHER

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Additional Comments:

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Laboratory Manager

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Job Number 3281-18-083A

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
19-2997	CH F-1	BEIGE NONFIBROUS		ND		100 OTHER
19-2998	CH F-2	WHITE/GREY PLIABLE		ND		100 OTHER
19-2999	CH G-1	GREY PLIABLE		ND		100 OTHER
19-3000	CH G-2	GREY PLIABLE		ND		100 OTHER
19-3001	CC A-1	GREY/BROWN FIBROUS		3 CHRYSOTILE		97 OTHER
19-3002	CC A-2	GREY/BROWN FIBROUS		3 CHRYSOTILE		97 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

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Laboratory Manager


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Job Number 3281-18-083A

<i>Lab ID:</i>	<i>Sample #:</i>	<i>Appearance</i>	<i>Comments</i>	<i>Asbestos %/Type</i>	<i>Non-Asbestos Fibrous %/Type</i>	<i>Non-Fibrous %/Type</i>
19-3003	CC B-1	BEIGE NONFIBROUS		ND	2 FIBROUS TALC	98 OTHER
19-3004	CC B-2	BEIGE NONFIBROUS		ND	2 FIBROUS TALC	98 OTHER


Analyzed by: Jane Wasilewski

Additional Comments:


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Laboratory Manager

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THE STATE OF TENNESSEE

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

55231-39491



Lucas M. Simington

DOB	Sex	HGT	WGT
04-Nov-1980	M	6' 0"	160

Discipline	Accreditation	Expiration
Inspector	A-148767-71954	Dec-31-2019

Photo Issued 11/14/2018

Re-Accreditation

Asbestos Accreditation