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F gego dgt "33."4235" " " " " " " "  
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O u0Uwg"Gmgp'O {gtu"  
Ej ctrgu'I ggti g"XCO E"  
3322"VwppgrTqcf "  
Cuj gxkmg."P E"4: : 27/42: 9"  
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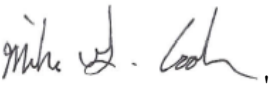
**RE: Limited Asbestos Bulk Sampling Report**  
**AHU's AC-1 and AC-3**  
**Building 47 - Charles George VAMC**  
**Asheville, North Carolina**  
**Affinity Project #5154IN**

O u0O {gtu<"  
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Qp"F gego dgt "7".4235."Chpk{ "Gpgti {(" "Gpxkqpo gpvcn"Gpi kpggtu."RC"r gthqto gf "hko kgf "dwm"  
uco r rkp "qh"Clk"J cpf rkp "Wpku"CE/3"cpf "CE/5"mecvgf "qp"vj g"Dcugo gpv"cpf "Uwd/Dcugo gpv"  
Ngxgnu"qh"Dwrf kpi "69"qp"vj g"XCO E"eco r wu"mecvgf "kp"Cuj gxkmg."P E0"Rgcug"hp f "vj g"hp cn"  
tgr qtvcwcej gf 0"  
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Vj cpn{ {qw"htq"vj g"qr r qtwpk{ "vq"dg"qh"ugt xleg0"K{ {qw"j cxg"cp{ "s wguwqpu."qt"pggf "cf f kkp cn"  
kphqto cvkp."r rgcug"fq"pqvj gukcvq"q"ecm0"  
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Ukpegtgn{." "  
**Affinity Energy & Environmental Engineers, PA**

  
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O kmg'I 0Eqqm'EIGE"  
Rtqlgev'O cpci gt"  
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Cwcej o gpv"  
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ee<P leniI krupIXCO E"  
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Nko kgf "Cudguvqu"DwmUco r rkp "T gr qt v"  
*for*

CE/3ICE/5"Ckt"J cpf rkp "Wpku"

Dwkrf kpi "69

Ej ctngu"l gqti g"XCO E"

Cuj gxkng."P qt vj "Ectqrkpc"

"

Chkpkl "Rtqlgev"%7376R "

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*Prepared For:"*

Ej ctngu"l gqti g"XCO E"

3322"Vwppgn"l qcf "

Cuj gxkng."P E"4: : 27/42: 9"

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*Prepared By:"*

Chkpkl "Gpgti {" "Gpxktqpo gpvcl"Gpi kpggtu."RC"

RQ0Dqz"4483"

Cuj gxkng."P E"4: : 24"

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*Report Prepared: F gego dgt"33."4235"*

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Cudguvqu"Kpur gevqt<"O kng"l 0Eqqn"

P E"Ceetgf kcvqp"%<"34238"

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Chnpk{ 'Rtqlgev%7376R .....No kgf "Cudguqu'DwmiUco r npi "Tgr qtv"  
F gego dgt "33."4235" " " " " " " .....Dwkf lpi "69%"CE/3ICE/5"CJ Wu"  
" " " " " " " " .....Ej ctnguI gati g'XCOE"  
Cuj gxlng.'PE'"

Chipkɔ' R̥tqlgeɣ%7376R "No kgr 'Cudguqu'DwmiUo r npi 'Tgr qtv"  
F gego dgt'33."4235" "Dwaf kpi '69%'CE/3 CE/5'CJ Wau"  
" " " " " " "Ej ctrgu'l gati g'XCOE"  
Cuj gxkneg.'PE"



!!

J qo qi gpgqwu"Ctgcu"( "T guwmu"

Nko kqf 'Cudguqu'Dwm'Uco r nki 'T guwmu  
Dwrf kpi '69'\*CE/3'( 'CE/5'Ck'J cpf nki 'Wpkw+  
Ej ctrgu'I gqti g'XCO E'/'Cuj gxkng.'P qty 'Ectqrkpc

J qo qi gpgqu'Ctgc				O cvgtkriF guetk r kq			
Uco r ng" P wo dgt	O cvgtkriF guetk r kq	Uco r ng'Nqecv kq	VqcriCudguqu" 'cpf 'V{r g	Nqecv kq*U+	S wcpk{	Eqpf ksqp	Rqgpkrihq" F kwt dcepg
C/23	DrceniO cuke'qp'Hdgti rnuu" Rlr g'fpuwv kq  O KE"/'PH	CE/3'fpu k'g'Eqr f'Eqqr kpi 'EqklCtgc	P qpg'F ggevgf "*****" (Material should be assumed asbestos-containing unless additional sampling is conducted due to number of pipe joints in AHU area)	Qp'Rlr kpi 'fpu k'g'qh'CE/3'Eqr f" Eqqr kpi 'EqklCtgc	4'UH	I	NRF
C/24	I gmqy 'O cuke'qp'O gcri' J XCE'F wev'Ugco u O KE"/'PH	CE/3'fpu k'g'J qv'F geniCtgc	5' 'Ej t{uqvk g	Qp'O gcri'F wev'Ugco u'fpu k'g'qh' CE/3'J qv'F geniCtgc	322'NH	I	NRF
C/25	Y j kg'O cuke'qp'O gcri' J XCE'F wev'Ugco u O KE"/'PH	CE/3'fpu k'g'qh'Eqr f'Eqqr kpi 'F wev'Ngcxkpi 'O clp'Wpkv	P qpg'F ggevgf	Qp'O gcri'J XCE'F wev'Ugco u'qh' Eqqr f'F wev'Y j gt'Ngcxgu'O clp" Wpkv	Wpnpqy p	I	NRF
C/26	Ukxgt'Rclpvgf'Ecwmpki "qp" O gcri'Ugco u'qh'CE/3 O KE"/'PH	CE/3'fpu k'g'qh'Eqr f'Eqqr kpi 'Ctgc	5' 'Ej t{uqvk g	Qp'O gcri'Ugco u'qh'CE/3'CJ W	722'NH	I	NRF
C/27	I tcl'Ecpxcu'Emqy 'qxxgt" Hdgti rnuu'fpuwv kq O KE"/'H	CE/3'CJ W'Gzvgtkqt	P qpg'F ggevgf	Qp'Gzvgtkqt'qh'O k'Ugevkq'qh' CE/3'CJ W	422'UH	I	NRF
C/28	J ctf'Rlr g'fpuwv kq'Lqkp' O cvgtken VUK'H	CE/3'CJ W'Gzvgtkqt	P qpg'F ggevgf	Lqkp'u'Gndqy u'('Vj+qp'Rlr kpi ' Cf lcegpv'q'CE/3'CJ W	32'Lqkp'u'Ctqwpf" CJ W	I	RF
D/23	Y j kg'O cuke'qp'O gcri' J XCE'F wev'Ugco u O KE"/'PH	CE/5'fpu k'g'qh'Eqr f'Eqqr kpi 'F wev'Ctgc'qh'Wpkv	P qpg'F ggevgf	Qp'O gcri'J XCE'F wev'Ugco u'qh' CE/5'Wpkv'Eqr f'Eqqr kpi 'Ctgc'qh' Wpkv	34'NH	I	NRF
D/24	Ukxgt'Rclpvgf'Ecwmpki "qp" O gcri'Ugco u'qh'CE/5 O KE"/'PH	CE/5'fpu k'g'qh'Eqr f'Eqqr kpi 'Ctgc	5' 'Ej t{uqvk g	Qp'O gcri'Ugco u'qh'CE/5'CJ W	522'NH	I	NRF
D/25	J ctf'Rlr g'fpuwv kq'Lqkp' O cvgtken VUK'H	CE/5'CJ W'Gzvgtkqt	5' 'Co qukg	Lqkp'u'Gndqy u'('Vj+qp'Rlr kpi ' Cf lcegpv'q'CE/5'CJ W(One elbow is damaged on the top of the AC-3)	32'Lqkp'u'Ctqwpf" CJ W	UF	RUF

**LEGEND**

SURF = Surfacing	F = Friable	SF = Square Feet	G = Good	LPD = Low Potential for Disturbance
MISC = Miscellaneous Material	NF = Non-friable	LF = Linear Feet	D = Damaged	PD = Potential for Disturbance
TSI = Thermal System Insulation	DNA = Did Not Analyze	CF = Cubic Feet	SD = Significantly Damaged	PSD = Potential of Significant Disturbance
	ND = None Detected			

CRRGP F KZ "D"

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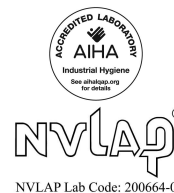
RNO "Dwm"Uco r ng"  
Ncdqtcvqt { "T guwmu





# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Affinity Environmental, PA  
PO Box 2261  
Asheville NC 28802

**Attn:** Mike Cook

**Lab Order ID:** 1322069

**Analysis ID:** 1322069\_PLM

**Date Received:** 12/9/2013

**Date Reported:** 12/9/2013

**Project:** VAMC Asheville-AC1/AC3 Demo

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-01	AC1	None Detected		100% Other	Black Non Fibrous Heterogeneous
1322069PLM_1					Dissolved
A-02	AC1	3% Chrysotile		97% Other	Tan Non Fibrous Heterogeneous
1322069PLM_2					Dissolved
A-03	AC1	None Detected		100% Other	Cream Non Fibrous Heterogeneous
1322069PLM_3					Dissolved
A-04	AC1	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1322069PLM_4					Dissolved
A-05	AC1	None Detected	85% Cellulose	15% Other	White, Gray Non Fibrous Heterogeneous
1322069PLM_5					Teased, Dissolved
A-06	AC1	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Homogeneous
1322069PLM_6					Crushed
B-01	AC3	None Detected	3% Cellulose	97% Other	White Non Fibrous Homogeneous
1322069PLM_7					Dissolved
B-02	AC3	3% Chrysotile		97% Other	Silver, Tan Non Fibrous Heterogeneous
1322069PLM_8					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Bart Huber (9)

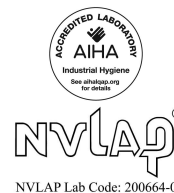
Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



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**Attn:** Mike Cook

**Lab Order ID:** 1322069

**Analysis ID:** 1322069\_PLM

**Date Received:** 12/9/2013

**Date Reported:** 12/9/2013

**Project:** VAMC Asheville-AC1/AC3 Demo

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B-03	AC3	3% Amosite	10% Fiber Glass	87% Other	Gray Non Fibrous Homogeneous
1322069PLM_9					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Bart Huber (9)

Analyst

Approved Signatory

