



SUMMIT Engineering, Laboratory and Testing, PC (SUMMIT)
3575 Centre Circle
Fort Mill, South Carolina 29715
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Phone: (704) 504-1717
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May 2, 2017

Subject: **Asbestos Clearance Air Monitoring Report**
16601 Old Statesville Road, Huntersville, NC
SUMMIT Project No. 4487.500

SUMMIT ENGINEERING, LABORATORY AND TESTING, PC (SUMMIT) performed asbestos air monitoring for the removal of non-friable floor tile and mastic in the structure located at 16601 Old Statesville Road, Huntersville, NC. The asbestos abatement was performed by Superior Abatement. Daily air monitoring was performed on April 26, 2017 through April 28, 2017. SUMMIT performed one set of final PCM Clearance sampling after the abatement and fine cleaning was completed on April 29, 2017. Daily, and Clearance air monitoring was performed by Phase Contrast Microscopy (PCM). Daily, and Clearance PCM samples were analyzed by Summit Laboratories, LLC, in Charlotte, NC. SUMMIT's **AIHA Proficiency Analytical Testing Program (PAT) Laboratory Number is 220241.**

The PCM Clearance results are below EPA, OSHA and NCDHHS clearance requirements. The area is ready for re-occupation and/or demolition.

If you have any questions regarding our assessment of the subject property or our conclusions, please do not hesitate to call us at (704) 504-1717.

SUMMIT

A handwritten signature in blue ink that reads "Ashton B. Brown".

Ashton B. Brown
Environmental Staff Professional
NC DHHS AHERA Asbestos Inspector No. 12870
NC DHHS AHERA Asbestos Air Monitor No. 80868
NC DHHS AHERA Asbestos Management Planner No. 21012
Expiration Date: April 30, 2018

Attachments:

Daily Air Monitoring Report
Clearance Air Monitoring Report

SUMMIT ELT, P.C. 3575 Centre Circle Fort Mill, SC 29715 704-504-1717 www.summit-companies.com Air Monitoring Form			Air Monitor: Richard Wyche		Date: 4/18/2017				
			License No. NC DHHS Air Monitor #80907		Day: 1				
			Analyst: Richard Wyche AIHA PAT Lab Number 220241		Project: 16601 Old Statesville Road				
					Location: 16601 Old Statesville Road, Huntersville, NC 28078				
1: Inside Building			25 mm cassette: X	PCM: X	Blank No.	2017-4-18-4487-BLK			
2: Outside Building									
3: Inside Work Area			37 mm cassette:	TEM:	Fibers / Field:	0/100			
4: Outside Work Area									
Sample #	Area	Pump	Name/SSN/Location	Flow Rate (LPM):	Start Time	Stop Time	Volume	Fibers/Field	f/cc
2017-4-18-4487-BG-1	1/3	15	Background – 1 – Nursery	16	1147	1217	1200	5.5/100	0.002
2017-4-18-4487-BG-2	1/3	5	Background – 1 – Kitchen	16	1147	1217	1200	5/100	0.002
2017-4-18-4487-BG-3	1/3	14	Background – 3 – Sanctuary	16	1147	1217	1200	4/100	0.002
2017-4-18-4487-BG-4	1/3	6	Background – 4 – Narthex	16	1147	1217	1200	4.5/100	0.002
2017-4-18-4487-BG-5	1/3	12	Background – 5 – Great Room	16	1147	1217	1200	5.5/100	0.002
2017-4-18-4487-BLK					AM	PM		0/100	
One set of PCM Background samples were ran throughout the building located at 16601 Old Statesville Road in Huntersville, NC. PCM Background cassettes were ran before asbestos abatement activities began and were analyzed by Summit Laboratories, P.C. in Charlotte, NC.									

SUMMIT ELT, PC 3575 Centre Circle Fort Mill, SC 29715 704-504-1717 www.summit-companies.com Air Monitoring Form			Air Monitor: Ashton Brown			Date: 4/26/2017				
			License No. NC DHHS Air Monitor #80868			Day: 1				
			Analyst: Ashton Brown			Project: 16601 Old Statesville Road				
			AIHA PAT Lab Number 220241			Location: 16601 Old Statesville Road, Huntersville, NC				
1: Inside Building			25 mm cassette: X	PCM: X	Blank No.	2017-4-26-BL-D1				
2: Outside Building										
3: Inside Work Area			37 mm cassette:	TEM:	Fibers / Field:	0/100				
4: Outside Work Area										
Sample #	Area	Pump	Name/SSN/Location		Flow Rate (LPM):	Start Time	Stop Time	Volume	Fibers/Field	f/cc
2017-4-26- AREA 1-D1	1 / 4	1	Dailies – Area 1		8	1320	1620	1440 L	4/100	0.003
2017-4-26- AREA 2-D1	1 / 4	2	Dailies – Area 2		8	1320	1620	1440 L	5.5/100	0.001
2017-4-26- EX-D1	2 / 4	3	Dailies – Exhaust		8	1320	1620	1440 L	12/100	0.002
2017-4-26-LO-D1	1 / 4	4	Dailies - Loadout		8	1320	1620	1440 L	8/100	0.002
Contractor spent the morning ripping up carpet and setting up containment. One set of PCM daily air samples were run during removal in the afternoon.										

SUMMIT ELT, PC 3575 Centre Circle Fort Mill, SC 29715 704-504-1717 www.summit-companies.com Air Monitoring Form			Air Monitor: Ashton Brown			Date: 4/27/2017					
			License No. NC DHHS Air Monitor #80868			Day: 2					
			Analyst: Ashton Brown			Project: 16601 Old Statesville Road					
			AIHA PAT Lab Number 220241			Location: 16601 Old Statesville Road, Huntersville, NC					
1: Inside Building			25 mm cassette: X	PCM: X	Blank No.	2017-4-27-BL-D1	2017-4-27-BL-D2				
2: Outside Building											
3: Inside Work Area			37 mm cassette:	TEM:	Fibers / Field:	0/100	0/100				
4: Outside Work Area											
Sample #	Area	Pump	Name/SSN/Location			Flow Rate (LPM):	Start Time	Stop Time	Volume	Fibers/Field	f/cc
2017-4-27- AREA 1-D1	1 / 4	1	Dailies – Area 1			8	0900	1200	1440 L	4/100	0.001
2017-4-27- AREA 2-D1	1 / 4	2	Dailies – Area 2			8	0900	1200	1440 L	0/100	0.000
2017-4-27- EX-D1	2 / 4	3	Dailies – Exhaust			8	0900	1200	1440 L	5.5/100	0.002
2017-4-27-LO-D1	1 / 4	4	Dailies - Loadout			8	0900	1200	1440 L	6/100	0.002
2017-4-27- AREA 1-D2	1 / 4	1	Dailies – Area 1			8	1300	1600	1440 L	2/100	0.001
2017-4-27- AREA 2-D2	1 / 4	2	Dailies – Area 2			8	1300	1600	1440 L	5.5/100	0.002
2017-4-27- EX-D2	2 / 4	3	Dailies – Exhaust			8	1300	1600	1440 L	3/100	0.001
2017-4-27-LO-D2	1 / 4	4	Dailies - Loadout			8	1300	1600	1440 L	4/100	0.001
Two sets of PCM daily air samples were run during removal process.											

SUMMIT ELT, PC 3575 Centre Circle Fort Mill, SC 29715 704-504-1717 www.summit-companies.com Air Monitoring Form			Air Monitor: Ashton Brown			Date: 4/28/2017						
			License No. NC DHHS Air Monitor #80868			Day: 3						
			Analyst: Richard Wyche AIHA PAT Lab Number 220241			Project: 16601 Old Statesville Road						
						Location: 16601 Old Statesville Road, Huntersville, NC						
1: Inside Building			25 mm cassette: X	PCM: X	Blank No.	2017-4-28-BL-D1	2017-4-28-BL-D2					
2: Outside Building												
3: Inside Work Area			37 mm cassette:	TEM:	Fibers / Field:	0/100	0/100					
4: Outside Work Area												
Sample #	Area	Pump	Name/SSN/Location			Flow Rate (LPM):	Start Time	Stop Time	Volume	Fibers/Field	f/cc	
2017-4-28- AREA 1-D1	1 / 4	1	Dailies – Area 1			8	0840	1150	1520 L	2.5/100	0.001	
2017-4-28- AREA 2-D1	1 / 4	2	Dailies – Area 2			8	0840	1150	1520 L	1.5/100	0.000	
2017-4-28- EX-D1	2 / 4	3	Dailies – Exhaust			8	0840	1150	1520 L	3/100	0.001	
2017-4-28-LO-D1	1 / 4	4	Dailies - Loadout			8	0840	1150	1520 L	3.5/100	0.001	
2017-4-28- AREA 1-D2	1 / 4	1	Dailies – Area 1			8	1300	1600	1440 L	1/100	0.000	
2017-4-28- AREA 2-D2	1 / 4	2	Dailies – Area 2			8	1300	1600	1440 L	3.5/100	0.001	
2017-4-28- EX-D2	2 / 4	3	Dailies – Exhaust			8	1300	1600	1440 L	2/100	0.001	
2017-4-28-LO-D2	1 / 4	4	Dailies - Loadout			8	1300	1600	1440 L	3.5/100	0.001	
Two sets of PCM daily air samples were run during removal process.												

SUMMIT ELT, PC 3575 Centre Circle Fort Mill, SC 29715 704-504-1717 www.summit-companies.com Air Monitoring Form			Air Monitor: Richard Wyche		Date: 4/26/2017				
			License No. NC DHHS 80907		Day: 1				
			Analyst: Richard Wyche AIHA PAT Lab Number 220241		Project: 16601 Old Statesville Road				
					Location: 16601 Old Statesville Road, Huntersville, NC				
1: Inside Building			25 mm cassette: X	PCM: X	Blank No.	2017-4-26-BL-D1			
2: Outside Building									
3: Inside Work Area			37 mm cassette:	TEM:	Fibers / Field:	0/100			
4: Outside Work Area									
Sample #	Area	Pump	Name/SSN/Location	Flow Rate (LPM):	Start Time	Stop Time	Volume	Fibers/Field	f/cc
2017-4-29- C 1	1 / 3	1	Clearance - 1	16	1120	1235	1200 L	3.5/100	0.001
2017-4-29- C 2	1 / 3	2	Clearance - 2	16	1120	1235	1200 L	2/100	0.001
2017-4-29- C 3	1 / 3	3	Clearance - 3	16	1120	1235	1200 L	3/100	0.001
2017-4-29- C 4	1 / 3	4	Clearance - 4	16	1120	1235	1200 L	1.5/100	0.001
2017-4-29- C 5	1 / 3	5	Clearance - 5	16	1120	1235	1200 L	3.5/100	0.001
2017-4-29- C B			Clearance - Blank						0.000
One set of PCM Clearance samples was run following the removal process for non-friable floor tile and mastic and fine cleaning in the structure at 16601 Old Statesville Road in Huntersville, NC. All PCM Clearance results are below EPA, OSHA and NCDHHS air requirements. Samples were analyzed by Summit Laboratories, P.C. in Charlotte, NC.									