



Appendix I

Client: Old North State Masonry (Griffin Masonry) - Mathews (Charlotte), NC (16-25248.S&H) Sampling Date: 02.04.16 Consultant: Courtney Pope					RESULTS			
Sample Description Location/Person	Sample ID	Area/Personal	Duration (Min)	Sample Volume (Liters)	Respirable Dust (<1% Quartz)	Respirable Dust (>1% Quartz)	Respirable Silica (As Quartz)	COMMENTS
Romero Jacobo Laborer - 12" Husqvarna Wet Table Saw Operator	ONSM-020416-01	P	465	1164.8	NA	0.10	0.01	Quartz = 10 % PEL = 0.80 mg/m <sup>3</sup>
Daniel Orellana Laborer - 12" Hitachi Cut-Off Saw Operator with Pump Sprayer	ONSM-020416-02	P	455	1139.7	NA	0.10	0.012	Quartz = 12 % PEL = 0.71 mg/m <sup>3</sup>
mg/m <sup>3</sup> = milligrams per cubic meter <= Not Detected; less than the analytical limit of detection NA = Not Applicable Quartz percentage assumed OSHA PEL			*Proposed		Conc. Units	mg/m <sup>3</sup>	mg/m <sup>3</sup>	mg/m <sup>3</sup>
					ACGIH TLV	na	na	0.025 R
					OSHA PEL	na	$\frac{10}{(2+\%SiO_2)}$	0.05*
					 A DIVISION OF GALLAGHER BASSETT SERVICES, INC			

Appendix I

Client: Griffin Masonry, Blue Dot Read-Mix, Old North State Masonry - Mint Hill, NC (17-26067.5&H) Sampling Date: 03.14.17 Consultant: Joe Murphy, CHMM					RESULTS				
Sample Description Location/Person	Sample ID	Area/Personal	Duration (Min)	Sample Volume (Liters)	Respirable Dust	Respirable Dust (TWA <sub>8</sub> )	Respirable Silica (As Quartz)	Respirable Silica (As Quartz) (TWA <sub>8</sub> )	COMMENTS
Tim Rosman Dry-cutting brick using Husqvarna 14-inch gas-powered saw	S-1	P	85	212.5	5.4	0.956	0.58	0.10	Cut Time = 17 minutes 50 pieces
Tim Rosman Wet-cutting brick using Husqvarna 14-inch gas-powered saw & 12-inch Stihl saw	S-2	P	123	307.5	0.22	0.056	0.030	0.008	Cut Time = 20 minutes 50 pieces
Tim Rosman Dry-cutting 12-inch hollow core CMU block using Stihl 12-inch gas-powered saw	S-3	P	91	227.5	0.33	0.19	0.030	0.006	Cut Time = 8 minutes 40 8-inch cuts
Tim Rosman Wet-cutting 12-inch hollow core CMU block using Stihl 12-inch gas-powered saw	S-4	P	83	207.5	<0.24	<0.041	<0.024	<0.004	Cut Time = 6 minutes 40 8-inch cuts
Tim Rosman Dry-cutting concrete using Stihl 12-inch gas-powered saw	S-5	P	94	235.0	6.0	1.2	1.10	0.215	Cut Time = 10 minutes *Using N95 Dust Respirator
Tim Rosman Wet-cutting concrete using Stihl 12-inch gas-powered saw	S-6	P	85	212.5	<0.24	<0.042	<0.024	<0.004	Cut Time = 10 minutes
Tim Rosman Dry-cutting concrete using Hitachi electric saw	S-7	P	85	212.5	0.63	0.112	0.130	0.023	Cut Time = 10 minutes *Using N95 Dust Respirator
Tim Rosman Wet-cutting concrete using Hitachi electric saw	S-8	P	85	212.5	<0.24	<0.042	<0.024	<0.004	Cut Time = 5 minutes *Using N95 Dust Respirator
mg/m <sup>3</sup> = milligrams per cubic meter < = Not Detected; less than the analytical limit of detection NA = Not Applicable R = Respirable Fraction				Conc. Units	mg/m <sup>3</sup>	mg/m <sup>3</sup>	mg/m <sup>3</sup>	mg/m <sup>3</sup>	 AIRES CONSULTING A DIVISION OF GALLAGHERBASSETT SERVICES, INC.
				ACGIH TLV	3 R	3 R	0.025 R	0.025 R	
				OSHA AL	NA	NA	0.025 R	0.025 R	
				OSHA PEL	5 R	5 R	0.05 R	0.05 R	