

Appendix A Table 1. Wedron Silica Facility Ambient PM4 Crystalline Silica Data						
Date	PM4 Crystalline Silica, $\mu\text{g}/\text{M}^3$			Wind Speed, Avg. Mph <sup>[3]</sup>	Wind Direction 24-Hour Average <sup>[3]</sup>	Rain and Snow, Inches <sup>[3]</sup>
	North Location Primary Sampler <sup>[2]</sup>	North Location Collocated Sampler <sup>[1, 2]</sup>	South Location Primary Sampler <sup>[2]</sup>			
August 1, 2015	0.50		<LOQ	5.2	WSW	0
August 4, 2015	0.56		0.38	3.5	W	0
August 7, 2015	5.50		<LOQ	4.6	SSW	0
August 10, 2015	<LOQ	<LOQ	<LOQ	4.5	WNW	0.07
August 13, 2015	1.69		<LOQ	5.2	SW	0
August 16, 2015	2.38		<LOQ	4.3	SSW	0
August 19, 2015	1.81		<LOQ	11	WSW	0
August 22, 2015	3.44	3.38	<LOQ	5.4	SE	0
August 25, 2015	<LOQ		<LOQ	5.7	WNW	0
August 28, 2015	1.38		<LOQ	2.6	ESE	0
August 31, 2015	1.69	0.81	0.50	2.3	SSE	0.01

Note 1. The collocated sampler operates every 12 calendar days.

Note 2. <LOQ indicates values below the minimum level of quantification of  $0.31 \mu\text{g}/\text{m}^3$ .

Note 3. The meteorological tower was not operational during this time period. Meteorological data were obtained from a Davis Instruments Vantage Vue Wireless Weather Station at the South location while the meteorological station is being repaired.