

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	Wind Direction 24-Hour Average	Rain and Snow, Inches ^[3]
	North Location Primary Sampler ^[2]	North Location Collocated Sampler ^[1, 2]	South Location Primary Sampler ^[2]			
September 3, 2015	1.19	1.19	<LOQ	6.2	SW	0
September 6, 2015	6.06		0.44	7.3	S	0
September 9, 2015	<LOQ		<LOQ	5.1	NE	0
September 12, 2015	<LOQ	<LOQ ^[4]	<LOQ	7.9	WSW	0
September 15, 2015	7.13	7.50	<LOQ	8.8	S	0
September 18, 2015	2.31		<LOQ	8	S	2.4
September 21, 2015	0.94		<LOQ	4.6	ESE	0
September 24, 2015	<LOQ		No Data ^[5]	6	ENE	0
September 27, 2015	1.31	1.25	<LOQ	4.2	SE	0
September 30, 2015	<LOQ		<LOQ	13.2	NNE	0

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 Met One rain gauge is still not operating, Wedron Silica is working with Murray and Trettel to swap out the data logger so that it will be compatible with the rain gauge. Rain data was gathered from the Davis Vantage Vue weather station located at the South Location.

Note 4. September 12, 2015 was mistakenly sampled however it is not on the EPA 12 Day monitoring schedule.

Note 5. No data are available for the South Location on September 24, 2015 because the sampler was not left in the "Wait Mode;" therefore, it did not sample.