

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 ³	Wind Direction 24-Hour Average ³	Rain and Snow, Inches ³
	North Location Primary Sampler ²	North Location Collocated Sampler ¹	South Location Primary Sampler ²			
June 2, 2015	0.88		<LOQ	3.9	ESE	0.00
June 5, 2015	0.31		No Data ⁴	9.4	NE	0.01
June 8, 2015	0.75		No Data ⁴	7.5	SW	0.34
June 11, 2015	1.31	1.5	<LOQ	6	ENE	0.06
June 14, 2015	3.38		<LOQ	6.1	WSW	1.51
June 17, 2015	1.00		<LOQ	3.4	ENE	0.05
June 20, 2015	1.63		<LOQ	6.6	NE	0.98
June 23, 2015	<LOQ	<LOQ	<LOQ	6.0	WNW	0.01
June 26, 2015	<LOQ		<LOQ	9.1	NE	0.41
June 29, 2015	<LOQ		<LOQ	4.0	NE	0.00

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.

Note 4. The power supply in the Partisol was destroyed as a result of a possible power surge. The power supply was replaced and the Partisol was audited to verify proper operation. No sampling was completed at the South location on June 5 and June 8 while the power supply was ordered, and installed by the sampling technician.