

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			
May 3, 2015	5.25		0.50	9	SSW	0.32
May 6, 2015	3.19	3.5	<LOQ	4	SE	0
May 9, 2015	<LOQ		<LOQ	4	NE	0.01
May 12, 2015	<LOQ		<LOQ	17	WNW	0
May 15, 2015	2.81		<LOQ	10	SW	0.08
May 18, 2015	1.13	1.3	0.50	13	W	0
May 21, 2015	0.44		<LOQ	7	WNW	0.01
May 24, 2015	2.25		0.31	7	SE	0.37
May 27, 2015	0.31		<LOQ	12	W	0.06
May 30, 2015	0.38	0.4	<LOQ	6	NNW	0.48

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

Note 2. <LOQ indicates values below the minimum level of quantification of $0.30 \mu\text{g}/\text{M}^3$.

Note 3. The meteorological tower was not operational during this time period. Meteorological data was obtained online from the Morris, Illinois airport (James Washburn Municipal Airport).