

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	North Location Collocated Sampler ¹	South Location Primary Sampler ²			
April 3, 2015	No Data ⁴		<LOQ	6	NNW	0
April 6, 2015	<LOQ		<LOQ	7	SSE	0.08
April 9, 2015	2.88		<LOQ ⁵	10	S	0.42
April 12, 2015	3.94	4.50	<LOQ	9	SSE	0
April 15, 2015	No Data ⁴		0.38	8	ENE	0
April 18, 2015	1.06		0.63	5	ENE	0
April 21, 2015	0.75		No Data ⁴	16	W	0
April 24, 2015	2.50	2.88	0.38	4	SE	0.07
April 27, 2015	<LOQ		No Data ⁴	5	N	0
April 30, 2015	0.38		<LOQ	4	NNE	0

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

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

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).

Note 4. No data were logged on these sample days due to the loss of power.

Note 5. Sampler was blown over by high winds.