

Appendix A Table 1. Wedron Silica Facility Ambient PM4 Crystalline Silica Data						
Date	PM4 Crystalline Silica, $\mu\text{g}/\text{M}^3$			Wind Speed, Average, mph ^[3]	Wind Direction, 24-Hour Average ^[3]	Rain, Inches ^[3]
	North Location Primary Sampler ^[2]	North Location Collocated Sampler ^[1,2]	South Location Primary Sampler ^[2]			
January 1, 2016	<LOQ	<LOQ	<LOQ	13.1	WSW	0
January 4, 2016	<LOQ		<LOQ	5.6	WNW	0
January 7, 2016	2.50		<LOQ	4.8	SE	0
January 10, 2016	<LOQ		<LOQ	15.3	W	0
January 13, 2016	1.63	1.63	<LOQ	6.7	SSW	0
January 16, 2016	<LOQ		<LOQ	12.5	W	0
January 19, 2016	0.44		<LOQ	3.3	E	0
January 22, 2016	<LOQ		<LOQ	10.6	NNE	0
January 25, 2016	3.06	3.00	<LOQ	8.8	SE	0.11
January 28, 2016	<LOQ		0.31	11.3	W	0
January 31, 2016	1.75		<LOQ	6.5	W	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. All meteorological data are from the Davis South monitor.