

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 <sup>[3]</sup>	Wind Direction, 24-Hour Average <sup>[3]</sup>	Rain, Inches <sup>[3]</sup>
	North Location Primary Sampler <sup>[2]</sup>	North Location Collocated Sampler <sup>[1]</sup>	South Location Primary Sampler <sup>[2]</sup>			
December 2, 2015	<LOQ		<LOQ	7.1	WNW	0.05
December 5, 2015	1.94		<LOQ	5.1	SE	0.01
December 8, 2015	6.19	6.38	<LOQ	7.8	SSE	0
December 11, 2015	1.13		<LOQ	4.9	SW	0
December 14, 2015	1.44		<LOQ	14.8	SSW	0.14
December 17, 2015	<LOQ		<LOQ	12.2	W	0
December 20, 2015	6.88 <sup>4</sup>	6.88	<LOQ	14.9	SSW	0.05
December 23, 2015	8.75 <sup>5</sup>		<LOQ	14.0	ESE	0.64
December 26, 2015	<LOQ		<LOQ	8.7	ENE	0.31
December 29, 2015	<LOQ		<LOQ	11.0	WSW	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.

Note 4. Air Control Techniques, P.C. believes that sampler operator made several errors in charging and recovering filters between December 20<sup>th</sup> and December 23<sup>rd</sup>. The filter for December 20<sup>th</sup> was apparently recovered and then recharged for a second sampling period on December 23<sup>rd</sup>. The filter placed in the petri dish for December 20<sup>th</sup> was apparently an unused filter. Due to the problems with the primary sampler, the data provided by the collocated sampler is being used as primary data.

Note 5. The value reported on December 23<sup>rd</sup> is due to a double sampling run issue.