

Appendix A, Table 1. Fairmount Santrol Facility Ambient PM4 Crystalline Silica Data						
Date	PM4 Crystalline Silica, $\mu\text{g}/\text{M}^3$			Wind Speed, Avg. mph ⁴	Wind Direction 24-Hour Average ⁴	Rain or Snow, Inches of Water ⁵
	North Location Primary Sampler	North Location Collocated Sampler ³	South Location Sampler ⁴			
January 15, 2015	0.94		ND	ND	ND	
January 18, 2015	<LOQ ¹	<LOQ	ND	ND	ND	
January 21, 2015	<LOQ		ND	ND	ND	
January 24, 2015	<LOQ		ND	ND	ND	
January 27, 2015	<LOQ		ND	ND	ND	
January 30, 2015	<LOQ	<LOQ	ND	ND	ND	
February 2, 2015	<LOQ		ND	ND	ND	
February 5, 2015	1.81		ND	ND	ND	
February 8, 2015	<LOQ		<LOQ	9.0	N	
February 11, 2015	0.56	0.69	<LOQ	12.4	W	
February 14, 2015	<LOQ		<LOQ	16.1	NNW	
February 17, 2015	<LOQ		<LOQ	9.9	W	
February 20, 2015	ND ²		<LOQ	11.1	S	
February 23, 2015	1.06	1.50	<LOQ	6.7	WNW	
February 26, 2015	<LOQ		<LOQ	11.8	N	

- Notes: 1. LOQ means the minimum level of quantification
2. ND means no data.
3. The collocated samplers operates every 12 calendar days
4. Instruments at the South Location were not operational prior to February 8, 2015.
5. The rain gauge did not operate during this time period.