

Table 7. Particle Size Distribution Dataset

Location	Date	DR-4000	DRX-8534				NIOSH 0500		NIOSH 0500		OSHA ID 215		OSHA ID 215			
		Total PART [ $\mu\text{g}/\text{M}^3$ ]	Total PART [ $\mu\text{g}/\text{M}^3$ ]	PM 10 [ $\mu\text{g}/\text{M}^3$ ]	PM 4 [ $\mu\text{g}/\text{M}^3$ ]	PM 2.5 [ $\mu\text{g}/\text{M}^3$ ]	PM 1 [ $\mu\text{g}/\text{M}^3$ ]	Total PART [ $\mu\text{g}/\text{M}^3$ ]	D-Total PART [ $\mu\text{g}/\text{M}^3$ ]	PM 2.5 PART [ $\mu\text{g}/\text{M}^3$ ]	D_PM2.5 PART [ $\mu\text{g}/\text{M}^3$ ]	Total CrVI [ $\text{ng}/\text{M}^3$ ]	D-Total CrVI [ $\text{ng}/\text{M}^3$ ]	PM 2.5 CrVI [ $\text{ng}/\text{M}^3$ ]	D_PM2.5 CrVI [ $\text{ng}/\text{M}^3$ ]	
AM-1	11-Jun	19.1	15.9	15.8	15.5	15.4	15.0									
	12-Jun	35.8	35.4	35.3	35.0	34.9	34.7	16.0	1	18.3	1	1.5	1	1.4	1	
	13-Jun	43.9	43.4	43.3	43.0	42.8	42.6	20.0	1	13.1	1	1.6	1	1.2	1	
	14-Jun	8.9	8.2	8.2	8.1	8.0	7.9	10.0	1	26.9	1	1.6	1	1.3	1	
	15-Jun	16.2	19.3	19.2	18.9	18.8	18.7	18.0	1	10.6	1	1.5	1	2.2	1	
	16-Jun	29.5	31.7	31.6	31.5	31.3	31.2									
	17-Jun	17.1	18.5	18.5	18.4	18.3	18.2									
	18-Jun	36.0	37.0	37.0	36.9	36.8	36.7									
	19-Jun	18.7	17.2	17.2	17.0	16.9	16.8									
	20-Jun	16.1	17.2	17.0	16.8	16.9	17.2	14.0	1	15.4	1	1.8	1	2.4	1	
	21-Jun	18.1	21.1	21.0	20.6	20.4	20.2	6.0	1	39.2	1	4.3	1	2	1	
	22-Jun	20.3	16.1	16.1	15.9	15.9	15.7	8.0	1	100.4	1	4	1	1.9	1	
	23-Jun	19.0	15.4	15.4	15.3	15.2	15.0	6.0	1	2.9	1	4.5	1	1.3	1	
AM-4	11-Jun	16.5	16.2	16.1	14.9	14.1	13.4									
	12-Jun	32.4	33.8	33.6	32.7	32.1	31.8	18.0	1	28.2	1	4	1	1.8	1	
	13-Jun	40.4	41.3	41.0	39.9	39.3	38.8	25.0	1	23.6	1	1.6	1	2.7	1	
	14-Jun	6.9	3.8	3.7	3.2	2.9	2.7	6.0	1	6.7	1	2.5	1	2.2	1	
	15-Jun	15.0	14.5	14.3	13.8	13.4	13.2	14.0	1	7.2	1	2.7	1	0.91	1	
	16-Jun	25.7	28.5	28.2	27.2	26.7	26.3									
	17-Jun	13.9	13.7	13.5	13.0	12.6	12.4									
	18-Jun	31.2	32.2	31.6	29.5	28.8	28.2									
	19-Jun	13.9	10.1	9.8	9.0	8.5	8.1									
	20-Jun	13.6	11.0	10.7	9.5	8.9	8.5	14.0	1	24.3	1	0.92	1	0.63	0	
	21-Jun	18.7	15.6	15.3	13.9	13.2	12.6	22.0	1	25.9	1	5.2	1	1.9	1	
	22-Jun	16.5	9.8	9.7	8.7	7.9	7.2	20.0	1	21.2	1	4.1	1	1.5	1	
	23-Jun	16.1	8.4	8.3	7.6	7.0	6.3	12.0	1	5.5	1	1.9	1	1.4	1	
AM-7	11-Jun		18.4	18.1	17.3	16.8	16.1									
	12-Jun	31.8	37.2	36.8	36.1	35.8	35.5	18.0	1	17.9	1	2.3	1	1.19	1	
	13-Jun	23.9	47.4	47.0	46.3	45.9	45.5	17.0	1	16.4	1	0.97	1	2.9	1	
	14-Jun	2.8	8.5	7.9	8.4	8.1	8.2	4.0	1	4.4	1	1.6	1	2.2	1	
	15-Jun	7.0	17.3	17.2	16.9	16.7	16.6	19.0	1	20.3	1	1.4	1	0.7	1	
	16-Jun	14.3	30.6	30.4	29.9	29.6	29.4									
	17-Jun	6.4	17.8	17.6	17.2	17.1	16.9									
	18-Jun	15.7	35.2	34.8	34.1	33.8	33.4									
	19-Jun	6.9	16.9	16.6	16.0	15.7	15.4									
	20-Jun	7.0	16.0	15.8	15.3	15.0	14.8	16.0	1	28.3	1	0.65	0	2	1	
	21-Jun	8.2	18.5	18.3	17.8	17.6	17.3	17.0	1	34.8	1	5.4	1	2.7	1	
	22-Jun	7.9	14.4	14.3	14.0	13.7	13.3	12.0	1	20.1	1	4	1	1.6	1	
	23-Jun	6.9	13.0	12.9	12.6	12.4	12.0	6.0	1	11.6	1	1.3	1	1.9	1	
AM-11	11-Jun	16.5	17.3	16.9	15.8	15.2	14.4									
	12-Jun	32.7	35.1	34.7	33.8	33.3	33.0	19.0	1	0.8	1	1.9	1	2.1	1	
	13-Jun	37.4	41.4	41.0	40.3	39.9	39.4	3.0	0	14.3	1	3.5	1	2.9	1	
	14-Jun	7.3	5.8	5.4	4.9	4.7	4.5	9.0	1	9.2	1	3.2	1	2	1	
	15-Jun	14.6	15.2	14.9	14.3	14.0	13.8	28.0	1	4.8	1	1.8	1	1.8	1	
	16-Jun	25.8	30.1	29.4	28.3	27.9	27.5									
	17-Jun	12.2	14.8	14.5	14.1	13.8	13.6									
	18-Jun	24.8	28.9	28.7	28.1	27.8	27.4									
	19-Jun	15.0														
	20-Jun	12.7						7.0	1	21.1	1	1.6	1	1.7	1	
	21-Jun	14.6	16.5	16.4	15.9	15.6	15.3	10.0	1	38.8	1	4.3	1	4.7	1	
	22-Jun		14.5	14.5	14.1	13.6	13.1	13.0	1	20.4	1	3.6	1	1.5	1	
	23-Jun	7.9	12.7	12.7	12.3	12.0	11.4	14.0	1	0.134	0	1.9	1	2.3	1	