PM4 Filter Catch Weight in ug	PM4 in ug/M^3	Quartz, Micro grams	PM4 Crystalline Silica, ug/M^3	% of 3 ug/M^3 Chronic Guideline	Filter_ID	Start_Date	Time	Start_Date_actual	Time	Stop_Date	Time	Total_Sample_time	Average_Flow	Flow_COV	Sampled_Volume	Ambient_Temp_min	Ambient_Temp_avg	Ambient_Temp_max	Filter_Temp_min	Filter_Temp_avg	Filter_Temp_max
108	6.8	0	0.00	0%	P0238531	6/2/2015	0:00	6/2/2015	0:00	6/3/2015	0:00	24:00:00	11.1	0.15	16	5.3	15.7	23.5	7.5	18	26.2
					Lost Power Supply	6/5/2015															
					Lost Power Supply	6/8/2015															
256	16.0	0	0.00	0%	A0238533	6/11/2015	0:00	6/11/2015	0:00	6/12/2015	0:00	24:00:00	11.1	0.15	16	19.6	23.4	29.9	21.7	26	32.3
92	5.8	0	0.00	0%	A0238538	6/14/2015	0:00	6/14/2015	0:00	6/15/2015	0:00	24:00:00	11.1	0.15	16	20.5	23.9	30	22.4	26.3	32.2
146	9.1	0	0.00	0%	A0238493	6/17/2015	0:00	6/17/2015	0:00	6/18/2015	0:00	24:00:00	11.1	0.15	16	13.9	18.1	23.5	16.2	20.4	25.2
156	10.8	0	0.00	0%	A0238495	6/20/2015	0:00	6/20/2015	0:00	6/21/2015	0:00	21:43	11.1	0.15	14.5	13.3	20.4	28.9	15.6	22.9	31
94	5.9	0	0.00	0%	A0238497	6/23/2015	0:00	6/23/2015	0:00	6/24/2015	0:00	24:00:00	11.1	0.15	16	17.8	22.5	27.7	19.7	24.9	30.1
306	19.1	0	0.00	0%	P0238500	6/26/2015	0:00	6/26/2015	0:00	6/27/2015	0:00	24:00:00	11.1	0.14	16	16.1	18.1	21.2	18	20.3	23.4
106	6.6	0	0.00	0%	P0238502	6/29/2015	0:00	6/29/2015	0:00	6/30/2015	0:00	24:00:00	11.1	0.14	16	16.9	21	26.7	19.1	23.4	29.5

Start_Date_ actual	Ambient_P ress_min	Ambient_ Press_avg	Ambient_ Press_max	Delta Temp	Date_Max_ Temp	Time	Status_ Codes	Power_fail_time(s)	Notes	
6/2/2015	746.7	749	751.8	3.9	6/2/2015	13:04	0			
										Lost Power Supply in Partisol when GFI tripped. Ordered new Part/installed/audited
										Lost Power Supply in Partisol when GFI tripped. Ordered new Part/installed/audited
6/11/2015	738.6	741.3	743.3	4.8	6/11/2015	16:30	0			
6/14/2015	742.9	744.4	745.9	4.8	6/14/2015	18:38	0			
6/17/2015	744.1	746.4	749	3.5	6/17/2015	10:36	0			
6/20/2015	739.6	742.6	745.9	5.4	6/20/2015	17:21	100008	6/20/2015	20:30	Lost Power for 137 Minutes Sample is not good less than 23 Hours
6/23/2015	741.4	747.2	749.6	4	6/23/2015	14:07	0			
6/26/2015	743.7	745.2	746.7	3.2	6/26/2015	9:52	0			
6/29/2015	739.8	741.2	742.5	5.1	6/29/2015	14:33	0			

PM4 Filter Catch Weight in ug	PM4 in ug/M^3	Quartz, Micro grams	PM4 Crystalline Silica, ug/M^3	% of 3 ug/M^3 Chronic Guideline	Filter_ID	Cassette_ID	Start_Date	Time	Start_Date_ actual	Time	Stop_Date	Time	Total_Sam ple_time	Average _Flow	Flow_ COV
147	9.2	14	0.88	29%	P0238530	RP042534	6/2/2015	0:00	6/2/2015	0:00	6/3/2015	0:00	24:00:00	11.1	0.14
173	10.8	5	0.31	10%	P0238532	RP041084	6/5/2015	0:00	6/5/2015	0:00	6/6/2015	0:00	24:00:00	11.1	0.14
180	11.3	12	0.75	25%	A0238534	RP042534	6/8/2015	0:00	6/8/2015	0:00	6/9/2015	0:00	24:00:00	11.1	0.14
315	19.7	21	1.31	44%	A0238535	RP041084	6/11/2015	0:00	6/11/2015	0:00	6/12/2015	0:00	24:00:00	11.1	0.13
213	13.3	54	3.38	113%	A0238540	RP043049	6/14/2015	0:00	6/14/2015	0:00	6/15/2015	0:00	24:00:00	11.1	0.13
162	10.1	16	1.00	33%	A0238492	RP041084	6/17/2015	0:00	6/17/2015	0:00	6/18/2015	0:00	24:00:00	11.1	0.13
231	14.4	26	1.63	54%	A0238494	RP043049	6/20/2015	0:00	6/20/2015	0:00	6/21/2015	0:00	24:00:00	11.1	0.14
92	5.8	0	0.00	0%	A0238496	RP042534	6/23/2015	0:00	6/23/2015	0:00	6/24/2015	0:00	24:00:00	11.1	0.13
273	17.1	0	0.00	0%	A0238499	RP043049	6/26/2015	0:00	6/26/2015	0:00	6/27/2015	0:00	24:00:00	11.1	0.13
116	7.3	0	0.00	0%	P0238501	RP042534	6/29/2015	0:00	6/29/2015	0:00	6/30/2015	0:00	24:00:00	11.1	0.13

Start_Date_actual	Sampled_Volume	Ambient_Temp_min	Ambient_Temp_avg	Ambient_Temp_max	Filter_Temp_min	Filter_Temp_avg	Filter_Temp_max	Ambient_Press_min	Ambient_Press_avg	Ambient_Press_max	Delta Temp	Date_Max_Temp	Time	Status_Codes	Power_fail_time(s)
6/2/2015	16	5.7	16.2	25	7.5	18	26.7	746.4	748.7	751.5	3.8	6/2/2015	9:48	0	
6/5/2015	16	13.8	20.4	25.6	15.5	22.3	27.4	744.7	747.4	749.7	4	6/5/2015	10:08	0	
6/8/2015	16	15.7	21.7	29.3	17.5	23.6	31.4	737.1	738.9	741.2	5.5	6/8/2015	16:01	0	
6/11/2015	16	19.6	24	30	21.5	25.9	31.8	737.7	740.4	742.4	3.4	6/11/2015	13:58	0	
6/14/2015	16	20.8	24.5	29.8	22.2	26.4	31.7	742	743.4	745.3	3.5	6/14/2015	18:49	0	
6/17/2015	16	14.2	18.6	23.7	16.1	20.6	25.6	743.3	745.5	748.4	3.3	6/17/2015	16:12	0	
6/20/2015	16	13.5	20.8	28.9	15.2	22.7	30.7	738.3	741.6	744.7	3.5	6/20/2015	11:06	0	
6/23/2015	16	17.7	22.7	27.6	19.5	24.6	29.5	740.4	746.3	748.9	3.7	6/23/2015	15:19	0	
6/26/2015	16	16	18.5	21.8	17.8	20.4	23.7	742.6	744.4	746.2	2.7	6/26/2015	9:50	0	
6/29/2015	16	17.4	21.2	26.5	19	23.1	28.4	738.9	740.2	741.6	4.3	6/29/2015	10:34	0	

PM4 Filter Catch Weight in ug	PM4 in ug/M^3	Quartz, Micro grams	Cristobalite, Micrograms	Tridymite, Micro grams	PM4 Crystalline Silica, ug/M^3	% of 3 ug/M^3 Chronic Guideline	Filter_ID	Cassette_ID	Start_Date	Time
312	19.5	24	0	0	1.50	50%	A0238536	RP042527	6/11/2015	0:00
95	5.9	0	0	0	0.00	0%	A0238498	RP042379	6/23/2015	0:00

North Collocated 20503

Start_Date_actual	Time	Stop_Date	Time	Total_Sample_time	Average_Flow	Flow_COV	Sampled_Volume	Ambient_Temp_min	Ambient_Temp_avg	Ambient_Temp_max	Filter_Temp_min	Filter_Temp_avg
6/11/2015	0:00	6/12/2015	0:00	24:00:00	11.1	0.14	16	19.5	24	30.4	21.2	26
6/23/2015	0:00	6/24/2015	0:00	24:00:00	11.1	0.14	16	17.3	22.5	27.7	19	24.5

Start_Date_actual	Filter_ Temp_max	Ambient_Press_min	Ambient_Press_avg	Ambient_Press_max	Delta Temp	Date_Max_Temp	Time	Status_Codes	Power_fail_time(s)
6/11/2015	32.3	738.7	741.4	743.3	3.7	6/11/2015	12:14	0	
6/23/2015	29.2	741.4	747.3	749.7	3.4	6/23/2015	11:26	0	

Start_Date_actual	Notes
6/11/2015	
6/23/2015	

Date of Blank	South 20506 Secondary	Silica, ug/filter	Gravimetric Catch weight, ug/filter	North Primary 20501	Silica, ug/filter	Gravimetric Catch weight, ug/filter	North Collocated 20503	Silica, ug/filter	Gravimetric Catch weight, ug/filter
6/10/2015	238537	ND	6	238539	ND	12	238491	ND	1

Notes

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