

TRC Field Sample No.	Station Location	Collection Start Date	Collection Time (minutes)	Analyte	Analytical Method	Instrument	Particulate PM2.5 (ug/m3)	Exceeds Target Air Quality Levels	Exceeds EPA Site Specific Trigger Levels	Comments
							40			
							65			
PM2.5-ST1-12/23/2005	Southwest Area (sidewalk bridge level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	28	No	No	
PM2.5-ST2-12/23/2005	Southeast Area (sidewalk bridge level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	24	No	No	
PM2.5-ST4-12/23/2005	Northwest Area (street-level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST5-12/23/2005	Firehouse #10 (roof level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	22	No	No	
PM2.5-ST10-12/23/2005	North Side Sidewalk Bridge	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST100-12/23/2005	Station 10 Field Duplicate	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST11-12/23/2005	90 Trinity Place (roof level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST12-12/23/2005	110 Greenwich Street (roof level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	21	No	No	
PM2.5-ST13-12/23/2005	Marriott Hotel, 38th Floor (roof level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST14-12/23/2005	West Face - South end at corner (scaffolding level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	23	No	No	
PM2.5-ST15-12/23/2005	South Face - East end at corner (scaffolding level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST16-12/23/2005	East Face - North end at corner (scaffolding level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST17-12/23/2005	North Face - West end at corner (scaffolding level)	12/23/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST1-12/24/2005	Southwest Area (sidewalk bridge level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	32	No	No	
PM2.5-ST2-12/24/2005	Southeast Area (sidewalk bridge level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	28	No	No	
PM2.5-ST4-12/24/2005	Northwest Area (street-level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	22	No	No	
PM2.5-ST5-12/24/2005	Firehouse #10 (roof level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	27	No	No	
PM2.5-ST10-12/24/2005	North Side Sidewalk Bridge	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	21	No	No	
PM2.5-ST100-12/24/2005	Station 10 Field Duplicate	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST11-12/24/2005	90 Trinity Place (roof level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	22	No	No	
PM2.5-ST12-12/24/2005	110 Greenwich Street (roof level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	23	No	No	
PM2.5-ST13-12/24/2005	Marriott Hotel, 38th Floor (roof level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	20	No	No	
PM2.5-ST14-12/24/2005	West Face - South end at corner (scaffolding level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	25	No	No	
PM2.5-ST15-12/24/2005	South Face - East end at corner (scaffolding level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST16-12/24/2005	East Face - North end at corner (scaffolding level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	21	No	No	
PM2.5-ST17-12/24/2005	North Face - West end at corner (scaffolding level)	12/24/05	1440	Particulate	Direct Read	Met One E-BAM	20	No	No	
PM2.5-ST1-12/25/2005	Southwest Area (sidewalk bridge level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	60	Yes	No	Note 2
PM2.5-ST2-12/25/2005	Southeast Area (sidewalk bridge level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	62	Yes	No	Note 2
PM2.5-ST4-12/25/2005	Northwest Area (street-level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	51	Yes	No	Note 2
PM2.5-ST5-12/25/2005	Firehouse #10 (roof level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	54	Yes	No	Note 2
PM2.5-ST10-12/25/2005	North Side Sidewalk Bridge	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	47	Yes	No	Note 2
PM2.5-ST100-12/25/2005	Station 10 Field Duplicate	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	40	Yes	No	Note 2
PM2.5-ST11-12/25/2005	90 Trinity Place (roof level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	55	Yes	No	Note 2
PM2.5-ST12-12/25/2005	110 Greenwich Street (roof level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	34	No	No	
PM2.5-ST13-12/25/2005	Marriott Hotel, 38th Floor (roof level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	28	No	No	
PM2.5-ST14-12/25/2005	West Face - South end at corner (scaffolding level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	30	No	No	
PM2.5-ST15-12/25/2005	South Face - East end at corner (scaffolding level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	28	No	No	
PM2.5-ST16-12/25/2005	East Face - North end at corner (scaffolding level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	31	No	No	
PM2.5-ST17-12/25/2005	North Face - West end at corner (scaffolding level)	12/25/05	1440	Particulate	Direct Read	Met One E-BAM	30	No	No	
PM2.5-ST1-12/26/2005	Southwest Area (sidewalk bridge level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST2-12/26/2005	Southeast Area (sidewalk bridge level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	28	No	No	
PM2.5-ST4-12/26/2005	Northwest Area (street-level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	13	No	No	
PM2.5-ST5-12/26/2005	Firehouse #10 (roof level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	16	No	No	
PM2.5-ST100-12/26/2005	Station 10 Field Duplicate	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	17	No	No	
PM2.5-ST11-12/26/2005	90 Trinity Place (roof level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST12-12/26/2005	110 Greenwich Street (roof level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	9	No	No	
PM2.5-ST13-12/26/2005	Marriott Hotel, 38th Floor (roof level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	10	No	No	
PM2.5-ST14-12/26/2005	West Face - South end at corner (scaffolding level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	7	No	No	
PM2.5-ST15-12/26/2005	South Face - East end at corner (scaffolding level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	7	No	No	
PM2.5-ST16-12/26/2005	East Face - North end at corner (scaffolding level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	9	No	No	
PM2.5-ST17-12/26/2005	North Face - West end at corner (scaffolding level)	12/26/05	1440	Particulate	Direct Read	Met One E-BAM	7	No	No	

Note:

- Station 10 is collocated with station 100. Results reported for Station 100 can be substituted for missing data on December 26, 2005 at Station 10 (North Side Sidewalk Bridge).
- The network PM2.5 data suggest a regional air quality episode or event likely exacerbated by the unseasonably warm temperatures in combination with the ground fog conditions. The latter condition in combination with rainfall during the day likely contributed to the elevated readings above historical data experienced by virtually all of the twelve (12) monitoring stations in the network. Prior experience with the EBAM PM2.5 monitors indicates positive biases associated with rainfall. As evidenced by the data elevated locations appeared to be less impacted by the ground level conditions. As this event took place on the December 25 holiday there were no work activities in progress at the 130 Liberty Street property. The 130 Liberty Street property did not contribute to the elevated measurements observed on this day.