

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
Target Air Quality Levels							40			
EPA Site Specific Trigger Levels							65			
PM2.5-ST1-1/29/2006	Southwest Area (sidewalk bridge level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	44	Yes	No	Note 1
PM2.5-ST2-1/29/2006	Southeast Area (sidewalk bridge level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	38	No	No	
PM2.5-ST4-1/29/2006	Northwest Area (street-level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	21	No	No	
PM2.5-ST5-1/29/2006	Firehouse #10 (roof level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	29	No	No	
PM2.5-ST10-1/29/2006	North Side Sidewalk Bridge	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	30	No	No	
PM2.5-ST100-1/29/2006	Station 10 Field Duplicate	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	22	No	No	
PM2.5-ST11-1/29/2006	90 Trinity Place (roof level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	21	No	No	
PM2.5-ST12-1/29/2006	110 Greenwich Street (roof level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	20	No	No	
PM2.5-ST13-1/29/2006	Marriott Hotel, 38th Floor (roof level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	15	No	No	
PM2.5-ST14-1/29/2006	West Face - South end at corner (scaffolding level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST15-1/29/2006	South Face - East end at corner (scaffolding level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	14	No	No	
PM2.5-ST16-1/29/2006	East Face - North end at corner (scaffolding level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	16	No	No	
PM2.5-ST17-1/29/2006	North Face - West end at corner (scaffolding level)	1/29/06	1440	Particulate	Direct Read	Met One E-BAM	16	No	No	
PM2.5-ST1-1/30/2006	Southwest Area (sidewalk bridge level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	47	Yes	No	Note 2
PM2.5-ST2-1/30/2006	Southeast Area (sidewalk bridge level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	39	No	No	
PM2.5-ST4-1/30/2006	Northwest Area (street-level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	40	Yes	No	Note 2
PM2.5-ST5-1/30/2006	Firehouse #10 (roof level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	37	No	No	
PM2.5-ST10-1/30/2006	North Side Sidewalk Bridge	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	42	Yes	No	Note 2
PM2.5-ST100-1/30/2006	Station 10 Field Duplicate	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	35	No	No	
PM2.5-ST11-1/30/2006	90 Trinity Place (roof level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	33	No	No	
PM2.5-ST12-1/30/2006	110 Greenwich Street (roof level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	25	No	No	
PM2.5-ST13-1/30/2006	Marriott Hotel, 38th Floor (roof level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST14-1/30/2006	West Face - South end at corner (scaffolding level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	19	No	No	
PM2.5-ST15-1/30/2006	South Face - East end at corner (scaffolding level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST16-1/30/2006	East Face - North end at corner (scaffolding level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	17	No	No	
PM2.5-ST17-1/30/2006	North Face - West end at corner (scaffolding level)	1/30/06	1440	Particulate	Direct Read	Met One E-BAM	17	No	No	
PM2.5-ST1-1/31/2006	Southwest Area (sidewalk bridge level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	23	No	No	
PM2.5-ST2-1/31/2006	Southeast Area (sidewalk bridge level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	23	No	No	
PM2.5-ST4-1/31/2006	Northwest Area (street-level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	14	No	No	
PM2.5-ST5-1/31/2006	Firehouse #10 (roof level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	17	No	No	
PM2.5-ST10-1/31/2006	North Side Sidewalk Bridge	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	18	No	No	
PM2.5-ST100-1/31/2006	Station 10 Field Duplicate	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	12	No	No	
PM2.5-ST11-1/31/2006	90 Trinity Place (roof level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	16	No	No	
PM2.5-ST12-1/31/2006	110 Greenwich Street (roof level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	13	No	No	
PM2.5-ST13-1/31/2006	Marriott Hotel, 38th Floor (roof level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	10	No	No	
PM2.5-ST14-1/31/2006	West Face - South end at corner (scaffolding level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	10	No	No	
PM2.5-ST15-1/31/2006	South Face - East end at corner (scaffolding level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	12	No	No	
PM2.5-ST16-1/31/2006	East Face - North end at corner (scaffolding level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	8	No	No	
PM2.5-ST17-1/31/2006	North Face - West end at corner (scaffolding level)	1/31/06	1440	Particulate	Direct Read	Met One E-BAM	8	No	No	

Notes:

1. The PM2.5 exceedance on January 29, 2006 appears to be due to a source upwind of 130 Liberty St at or near ground level. The 130 Liberty St property did not contribute to the elevated measurements observed on this day.
2. The PM2.5 exceedances on January 30, 2006 appear to be due to a combination of haze/fog as well as emissions from multiple sources. Due to highly variable winds in combination with the volume of work activity, the relative contributions from on site and off site activities cannot be accurately determined.