

TRC Field Sample No.	Sample No.	Sampling Location	Collection Start Date	Sample Volume (m ³)	Analyte	Analytical Method	Lab	Lab Sample Receipt Date	Respirable Silica Concentration (ug/m3)	Exceeds Target	Exceeds EPA	Comments
									10	Air Quality Levels	Site Specific Trigger Levels	
EPA Site Specific Trigger Levels									10			
SILICA-ST1-5/24/07	040710959-0001	Southwest Area (sidewalk bridge level)	5/24/07	3.49	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST2-5/24/07	040710959-0002	Southeast Area (sidewalk bridge level)	5/24/07	3.58	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST4-5/24/07	040710959-0003	Northwest Area (street-level)	5/24/07	3.6	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST5-5/24/07	040710959-0004	Firehouse #10 (roof level)	5/24/07	3.57	Silica	NIOSH 7500 XRD	EMSL	5/25/07	2	No	No	
SILICA-ST10-5/24/07	040710959-0005	North Side Sidewalk Bridge	5/24/07	3.46	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST11-5/24/07	040710959-0006	90 Trinity Place (roof level)	5/24/07	3.65	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST12-5/24/07	040710959-0007	110 Greenwich Street (roof level)	5/24/07	3.55	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST13-5/24/07	040710959-0008	Marriott Hotel, 38th Floor (roof level)	5/24/07	3.58	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST14(30th) -5/24/07	040710959-0009	West Face - South end at corner (scaffolding level: 30th floor)	5/24/07	3.56	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST15(30th) -5/24/07	040710959-0010	South Face - East end at corner (scaffolding level: 30th floor)	5/24/07	3.54	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST16(30th) -5/24/07	040710959-0011	East Face - North end at corner (scaffolding level: 30th floor)	5/24/07	3.58	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST17(30th) -5/24/07	040710959-0012	North Face - West end at corner (scaffolding level: 30th floor)	5/24/07	3.63	Silica	NIOSH 7500 XRD	EMSL	5/25/07	< 1	No	No	
SILICA-ST1-5/25/07	040711099-0001	Southwest Area (sidewalk bridge level)	5/25/07	3.49	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST2-5/25/07	040711099-0002	Southeast Area (sidewalk bridge level)	5/25/07	3.5	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST4-5/25/07	040711099-0003	Northwest Area (street-level)	5/25/07	3.59	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST5-5/25/07	040711099-0004	Firehouse #10 (roof level)	5/25/07	3.59	Silica	NIOSH 7500 XRD	EMSL	5/29/07	3	No	No	
SILICA-ST10-5/25/07	040711099-0005	North Side Sidewalk Bridge	5/25/07	3.61	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST11-5/25/07	040711099-0006	90 Trinity Place (roof level)	5/25/07	3.62	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST12-5/25/07	040711099-0007	110 Greenwich Street (roof level)	5/25/07	3.5	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST13-5/25/07	040711099-0008	Marriott Hotel, 38th Floor (roof level)	5/25/07	3.61	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST14(30th) -5/25/07	040711099-0009	West Face - South end at corner (scaffolding level: 30th floor)	5/25/07	3.35	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST15(30th) -5/25/07	040711099-0010	South Face - East end at corner (scaffolding level: 30th floor)	5/25/07	3.35	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	
SILICA-ST16(30th) -5/25/07	040711099-0011	East Face - North end at corner (scaffolding level: 30th floor)	5/25/07	3.37	Silica	NIOSH 7500 XRD	EMSL	5/29/07	14	Yes	Yes	Note 1
SILICA-ST17(30th) -5/25/07	040711099-0012	North Face - West end at corner (scaffolding level: 30th floor)	5/25/07	3.35	Silica	NIOSH 7500 XRD	EMSL	5/29/07	< 1	No	No	

Note:

1. Exceedance of the USEPA Site Specific Trigger Level for silica at Station 16 (East Face - North end at corner [scaffolding level: 30th floor]) occurred on Friday, May 25, 2007. Fugitive emissions likely attributable to glass removal from the 28th floor, deconstruction debris removal from the roof, and general construction in the vicinity of 130 Liberty Street directly impacted silica concentrations measured at Station 5 and Station 16. As a result, corrective actions including enhancements to the dust suppression/control via wet methods during dust generating activities, including active deconstruction work and glass removal operations were implemented.