

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	Site Specific	
									10	Levels	Trigger Levels	
Target Air Quality Levels												
EPA Site Specific Trigger Levels												
SILICA-ST1-10/31/06	040623407-0001	Southwest Area (sidewalk bridge level)	10/31/06	3.62	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST2-10/31/06	040623407-0002	Southeast Area (sidewalk bridge level)	10/31/06	3.51	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST4-10/31/06	040623407-0003	Northwest Area (street-level)	10/31/06	3.66	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST5-10/31/06	040623407-0004	Firehouse #10 (roof level)	10/31/06	3.52	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST10-10/31/06	040623407-0005	North Side Sidewalk Bridge	10/31/06	3.7	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST100-10/31/06	040623407-0013	Station 10 Field Duplicate	10/31/06	3.86	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST11-10/31/06	040623407-0006	90 Trinity Place (roof level)	10/31/06	3.62	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST12-10/31/06	040623407-0007	110 Greenwich Street (roof level)	10/31/06	3.54	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST13-10/31/06	040623407-0008	Marriott Hotel, 38th Floor (roof level)	10/31/06	3.37	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST14-10/31/06	040623407-0009	West Face - South end at corner (scaffolding level)	10/31/06	3.64	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST15-10/31/06	040623407-0010	South Face - East end at corner (scaffolding level)	10/31/06	3.59	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST16-10/31/06	040623407-0011	East Face - North end at corner (scaffolding level)	10/31/06	3.35	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST17-10/31/06	040623407-0012	North Face - West end at corner (scaffolding level)	10/31/06	3.58	Silica	NIOSH 7500 XRD	EMSL	11/1/06	< 1	No	No	
SILICA-ST1-11/1/06	040623545-0001	Southwest Area (sidewalk bridge level)	11/1/06	3.46	Silica	NIOSH 7500 XRD	EMSL	11/2/06	2	No	No	
SILICA-ST2-11/1/06	040623545-0002	Southeast Area (sidewalk bridge level)	11/1/06	3.29	Silica	NIOSH 7500 XRD	EMSL	11/2/06	2	No	No	
SILICA-ST4-11/1/06	040623545-0003	Northwest Area (street-level)	11/1/06	3.39	Silica	NIOSH 7500 XRD	EMSL	11/2/06	4	No	No	
SILICA-ST5-11/1/06	040623545-0004	Firehouse #10 (roof level)	11/1/06	3.58	Silica	NIOSH 7500 XRD	EMSL	11/2/06	53	Yes	Yes	Note 1.
SILICA-ST10-11/1/06	040623545-0005	North Side Sidewalk Bridge	11/1/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST11-11/1/06	040623545-0006	90 Trinity Place (roof level)	11/1/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST12-11/1/06	040623545-0007	110 Greenwich Street (roof level)	11/1/06	3.69	Silica	NIOSH 7500 XRD	EMSL	11/2/06	5	No	No	
SILICA-ST13-11/1/06	040623545-0008	Marriott Hotel, 38th Floor (roof level)	11/1/06	3.59	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST14-11/1/06	040623545-0009	West Face - South end at corner (scaffolding level)	11/1/06	3.55	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST15-11/1/06	040623545-0010	South Face - East end at corner (scaffolding level)	11/1/06	3.41	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST16-11/1/06	040623545-0011	East Face - North end at corner (scaffolding level)	11/1/06	3.4	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST17-11/1/06	040623545-0012	North Face - West end at corner (scaffolding level)	11/1/06	3.54	Silica	NIOSH 7500 XRD	EMSL	11/2/06	< 1	No	No	
SILICA-ST1-11/2/06	040623560-0001	Southwest Area (sidewalk bridge level)	11/2/06	3.49	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST2-11/2/06	040623560-0002	Southeast Area (sidewalk bridge level)	11/2/06	3.56	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST4-11/2/06	040623560-0003	Northwest Area (street-level)	11/2/06	3.74	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST5-11/2/06	040623560-0004	Firehouse #10 (roof level)	11/2/06	3.58	Silica	NIOSH 7500 XRD	EMSL	11/3/06	17	Yes	Yes	Note 1.
SILICA-ST10-11/2/06	040623560-0005	North Side Sidewalk Bridge	11/2/06	3.65	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST11-11/2/06	040623560-0006	90 Trinity Place (roof level)	11/2/06	3.57	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST12-11/2/06	040623560-0007	110 Greenwich Street (roof level)	11/2/06	3.27	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 2	No	No	
SILICA-ST13-11/2/06	040623560-0008	Marriott Hotel, 38th Floor (roof level)	11/2/06	3.41	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST14-11/2/06	040623560-0009	West Face - South end at corner (scaffolding level)	11/2/06	3.55	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST15-11/2/06	040623560-0010	South Face - East end at corner (scaffolding level)	11/2/06	3.32	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 2	No	No	
SILICA-ST16-11/2/06	040623560-0011	East Face - North end at corner (scaffolding level)	11/2/06	3.46	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST17-11/2/06	040623560-0012	North Face - West end at corner (scaffolding level)	11/2/06	3.48	Silica	NIOSH 7500 XRD	EMSL	11/3/06	< 1	No	No	
SILICA-ST1-11/3/06	040623711-0001	Southwest Area (sidewalk bridge level)	11/3/06	3.53	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST2-11/3/06	040623711-0002	Southeast Area (sidewalk bridge level)	11/3/06	3.55	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST4-11/3/06	040623711-0003	Northwest Area (street-level)	11/3/06	3.68	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST5-11/3/06	040623711-0004	Firehouse #10 (roof level)	11/3/06	3.4	Silica	NIOSH 7500 XRD	EMSL	11/6/06	10	No	No	
SILICA-ST10-11/3/06	040623711-0005	North Side Sidewalk Bridge	11/3/06	3.74	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 5	No	No	
SILICA-ST11-11/3/06	040623711-0006	90 Trinity Place (roof level)	11/3/06	3.57	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST12-11/3/06	040623711-0007	110 Greenwich Street (roof level)	11/3/06	3.54	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST13-11/3/06	040623711-0008	Marriott Hotel, 38th Floor (roof level)	11/3/06	3.37	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST14-11/3/06	040623711-0009	West Face - South end at corner (scaffolding level)	11/3/06	3.27	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 2	No	No	
SILICA-ST15-11/3/06	040623711-0010	South Face - East end at corner (scaffolding level)	11/3/06	3.39	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST16-11/3/06	040623711-0011	East Face - North end at corner (scaffolding level)	11/3/06	3.4	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST17-11/3/06	040623711-0012	North Face - West end at corner (scaffolding level)	11/3/06	3.41	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST1-11/4/06	040623713-0001	Southwest Area (sidewalk bridge level)	11/4/06	3.61	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST2-11/4/06	040623713-0002	Southeast Area (sidewalk bridge level)	11/4/06	3.62	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST4-11/4/06	040623713-0003	Northwest Area (street-level)	11/4/06	3.65	Silica	NIOSH 7500 XRD	EMSL	11/6/06	2	No	No	
SILICA-ST5-11/4/06	040623713-0004	Firehouse #10 (roof level)	11/4/06	3.48	Silica	NIOSH 7500 XRD	EMSL	11/6/06	11	Yes	Yes	Note 2.
SILICA-ST10-11/4/06	040623713-0005	North Side Sidewalk Bridge	11/4/06	3.55	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST11-11/4/06	040623713-0006	90 Trinity Place (roof level)	11/4/06	3.54	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST12-11/4/06	040623713-0007	110 Greenwich Street (roof level)	11/4/06	3.63	Silica	NIOSH 7500 XRD	EMSL	11/6/06	3	No	No	
SILICA-ST13-11/4/06	040623713-0008	Marriott Hotel, 38th Floor (roof level)	11/4/06	3.41	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST14-11/4/06	040623713-0009	West Face - South end at corner (scaffolding level)	11/4/06	3.56	Silica	NIOSH 7500 XRD	EMSL	11/6/06	3	No	No	
SILICA-ST15-11/4/06	040623713-0010	South Face - East end at corner (scaffolding level)	11/4/06	3.66	Silica	NIOSH 7500 XRD	EMSL	11/6/06	13	Yes	Yes	Note 2.
SILICA-ST16-11/4/06	040623713-0011	East Face - North end at corner (scaffolding level)	11/4/06	3.66	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST17-11/4/06	040623713-0012	North Face - West end at corner (scaffolding level)	11/4/06	3.64	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST1-11/5/06	040623717-0001	Southwest Area (sidewalk bridge level)	11/5/06	3.48	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST2-11/5/06	040623717-0002	Southeast Area (sidewalk bridge level)	11/5/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST4-11/5/06	040623717-0003	Northwest Area (street-level)	11/5/06	3.43	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST5-11/5/06	040623717-0004	Firehouse #10 (roof level)	11/5/06	3.5	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST10-11/5/06	040623717-0005	North Side Sidewalk Bridge	11/5/06	3.35	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST11-11/5/06	040623717-0006	90 Trinity Place (roof level)	11/5/06	3.39	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST12-11/5/06	040623717-0007	110 Greenwich Street (roof level)	11/5/06	3.83	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST13-11/5/06	040623717-0008	Marriott Hotel, 38th Floor (roof level)	11/5/06	3.53	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST14-11/5/06	040623717-0009	West Face - South end at corner (scaffolding level)	11/5/06	3.24	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 2	No	No	
SILICA-ST15-11/5/06	040623717-0010	South Face - East end at corner (scaffolding level)	11/5/06	3.54	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST16-11/5/06	040623717-0011	East Face - North end at corner (scaffolding level)	11/5/06	3.58	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	
SILICA-ST17-11/5/06	040623717-0012	North Face - West end at corner (scaffolding level)	11/5/06	3.64	Silica	NIOSH 7500 XRD	EMSL	11/6/06	< 1	No	No	

Note:

1. Exceedances of the USEPA Site Specific Trigger Level for silica at Station 5 (Firehouse #10 [roof level]) occurred on November 1 and 2, 2006. Based upon review of on site meteorological data in concert with visual and written logs of activities at 130 Liberty Street as well as off site properties it has been determined that these silica exceedances were not attributable to work activities at 130 Liberty Street. Candidate off site sources that were identified included building façade work in progress at the Marriott Hotel as well as scaffolding work directly above the Station #5 Fire Station roof.

2. Exceedances of the USEPA Site Specific Trigger Level for silica at Station 5 (Firehouse #10 [roof level]) and Station 15 (South Face - East end at corner [scaffolding level]) occurred on November 4, 2006. Based upon review of on site meteorological data in concert with visual and written logs of activities at 130 Liberty Street as well as off site properties it has been determined that these silica exceedances were not attributable to work activities at 130 Liberty Street. A possible off site source is the construction work occurring upwind of 130 Liberty Street at the World Trade Center site. Construction work included considerable jackhammering of concrete.