

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 Air Quality Levels	Exceeds EPA Site Specific Trigger Levels	Comments
Target Air Quality Levels									10			
EPA Site Specific Trigger Levels									10			
SILICA-ST2-11/19/06	040624842-0001	Southeast Area (sidewalk bridge level)	11/19/06	3.66	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST4-11/19/06	040624842-0002	Northwest Area (street-level)	11/19/06	3.72	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST5-11/19/06	040624842-0003	Firehouse #10 (roof level)	11/19/06	3.79	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST10-11/19/06	040624842-0004	North Side Sidewalk Bridge	11/19/06	3.59	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST11-11/19/06	040624842-0005	90 Trinity Place (roof level)	11/19/06	3.56	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST12-11/19/06	040624842-0006	110 Greenwich Street (roof level)	11/19/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST13-11/19/06	040624842-0007	Marriott Hotel, 38th Floor (roof level)	11/19/06	3.56	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST14-11/19/06	040624842-0008	West Face - South end at corner (scaffolding level)	11/19/06	3.79	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST15-11/19/06	040624842-0009	South Face - East end at corner (scaffolding level)	11/19/06	3.72	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST16-11/19/06	040624842-0010	East Face - North end at corner (scaffolding level)	11/19/06	3.72	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST17-11/19/06	040624842-0011	North Face - West end at corner (scaffolding level)	11/19/06	3.71	Silica	NIOSH 7500 XRD	EMSL	11/20/06	< 1	No	No	
SILICA-ST1-11/20/06	040624939-0001	Southwest Area (sidewalk bridge level)	11/20/06	3.54	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST2-11/20/06	040624939-0002	Southeast Area (sidewalk bridge level)	11/20/06	3.62	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST4-11/20/06	040624939-0003	Northwest Area (street-level)	11/20/06	3.44	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST5-11/20/06	040624939-0004	Firehouse #10 (roof level)	11/20/06	3.65	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST10-11/20/06	040624939-0005	North Side Sidewalk Bridge	11/20/06	3.55	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST11-11/20/06	040624939-0006	90 Trinity Place (roof level)	11/20/06	3.59	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST12-11/20/06	040624939-0007	110 Greenwich Street (roof level)	11/20/06	3.57	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST13-11/20/06	040624939-0008	Marriott Hotel, 38th Floor (roof level)	11/20/06	3.56	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST14-11/20/06	040624939-0009	West Face - South end at corner (scaffolding level)	11/20/06	3.7	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST15-11/20/06	040624939-0010	South Face - East end at corner (scaffolding level)	11/20/06	3.61	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST16-11/20/06	040624939-0011	East Face - North end at corner (scaffolding level)	11/20/06	3.62	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST17-11/20/06	040624939-0012	North Face - West end at corner (scaffolding level)	11/20/06	3.64	Silica	NIOSH 7500 XRD	EMSL	11/21/06	< 1	No	No	
SILICA-ST1-11/21/06	040625052-0001	Southwest Area (sidewalk bridge level)	11/21/06	3.58	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST2-11/21/06	040625052-0002	Southeast Area (sidewalk bridge level)	11/21/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST4-11/21/06	040625052-0003	Northwest Area (street-level)	11/21/06	3.43	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST5-11/21/06	040625052-0004	Firehouse #10 (roof level)	11/21/06	3.52	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST10-11/21/06	040625052-0005	North Side Sidewalk Bridge	11/21/06	3.5	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST11-11/21/06	040625052-0006	90 Trinity Place (roof level)	11/21/06	3.57	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST12-11/21/06	040625052-0007	110 Greenwich Street (roof level)	11/21/06	3.65	Silica	NIOSH 7500 XRD	EMSL	11/22/06	2	No	No	
SILICA-ST13-11/21/06	040625052-0008	Marriott Hotel, 38th Floor (roof level)	11/21/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST14-11/21/06	040625052-0009	West Face - South end at corner (scaffolding level)	11/21/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST15-11/21/06	040625052-0010	South Face - East end at corner (scaffolding level)	11/21/06	3.57	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST16-11/21/06	040625052-0011	East Face - North end at corner (scaffolding level)	11/21/06	3.61	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST17-11/21/06	040625052-0012	North Face - West end at corner (scaffolding level)	11/21/06	3.49	Silica	NIOSH 7500 XRD	EMSL	11/22/06	< 1	No	No	
SILICA-ST1-11/22/06	040625102-0001	Southwest Area (sidewalk bridge level)	11/22/06	3.51	Silica	NIOSH 7500 XRD	EMSL	11/24/06	2	No	No	
SILICA-ST2-11/22/06	040625102-0002	Southeast Area (sidewalk bridge level)	11/22/06	3.5	Silica	NIOSH 7500 XRD	EMSL	11/24/06	1	No	No	
SILICA-ST4-11/22/06	040625102-0003	Northwest Area (street-level)	11/22/06	3.5	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST5-11/22/06	040625102-0004	Firehouse #10 (roof level)	11/22/06	3.68	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST10-11/22/06	040625102-0005	North Side Sidewalk Bridge	11/22/06	3.47	Silica	NIOSH 7500 XRD	EMSL	11/24/06	3	No	No	
SILICA-ST11-11/22/06	040625102-0006	90 Trinity Place (roof level)	11/22/06	3.68	Silica	NIOSH 7500 XRD	EMSL	11/24/06	12	Yes	Yes	Note 2.
SILICA-ST12-11/22/06	040625102-0007	110 Greenwich Street (roof level)	11/22/06	3.45	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST13-11/22/06	040625102-0008	Marriott Hotel, 38th Floor (roof level)	11/22/06	3.44	Silica	NIOSH 7500 XRD	EMSL	11/24/06	1	No	No	
SILICA-ST14-11/22/06	040625102-0009	West Face - South end at corner (scaffolding level)	11/22/06	3.21	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 6	No	No	
SILICA-ST15-11/22/06	040625102-0010	South Face - East end at corner (scaffolding level)	11/22/06	3.21	Silica	NIOSH 7500 XRD	EMSL	11/24/06	2	No	No	
SILICA-ST16-11/22/06	040625102-0011	East Face - North end at corner (scaffolding level)	11/22/06	3.23	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 2	No	No	
SILICA-ST17-11/22/06	040625102-0012	North Face - West end at corner (scaffolding level)	11/22/06	3.23	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 2	No	No	
SILICA-ST1-11/23/06	040625103-0001	Southwest Area (sidewalk bridge level)	11/23/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST2-11/23/06	040625103-0002	Southeast Area (sidewalk bridge level)	11/23/06	3.6	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST4-11/23/06	040625103-0003	Northwest Area (street-level)	11/23/06	3.8	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST5-11/23/06	040625103-0004	Firehouse #10 (roof level)	11/23/06	3.51	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST10-11/23/06	040625103-0005	North Side Sidewalk Bridge	11/23/06	3.71	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST11-11/23/06	040625103-0006	90 Trinity Place (roof level)	11/23/06	3.61	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST12-11/23/06	040625103-0007	110 Greenwich Street (roof level)	11/23/06	3.72	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST13-11/23/06	040625103-0008	Marriott Hotel, 38th Floor (roof level)	11/23/06	3.29	Silica	NIOSH 7500 XRD	EMSL	11/24/06	2	No	No	
SILICA-ST14-11/23/06	040625103-0009	West Face - South end at corner (scaffolding level)	11/23/06	3.77	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST15-11/23/06	040625103-0010	South Face - East end at corner (scaffolding level)	11/23/06	3.72	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST16-11/23/06	040625103-0011	East Face - North end at corner (scaffolding level)	11/23/06	3.72	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	
SILICA-ST17-11/23/06	040625103-0012	North Face - West end at corner (scaffolding level)	11/23/06	3.68	Silica	NIOSH 7500 XRD	EMSL	11/24/06	< 1	No	No	

Note

1. Silica sample at Station 1 (Southwest Area [sidewalk bridge level]) on November 19, 2006 was not available for analysis on account of temporary power failure.
2. Exceedance of the USEPA Site Specific Trigger Level for silica at Station 11 (90 Trinity Place [roof level]) occurred on November 22, 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 this silica exceedance was 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 and 74 Trinity Place and activities at the WTC site.