

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
									10			
									10			
SILICA-ST1-2/12/08	040803390-0001	Southwest Area (sidewalk bridge level)	2/12/08	3.57	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST2-2/12/08	040803390-0002	Southeast Area (sidewalk bridge level)	2/12/08	3.89	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST4-2/12/08	040803390-0003	Northwest Area (street-level)	2/12/08	3.88	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST5-2/12/08	040803390-0004	Firehouse #10 (roof level)	2/12/08	3.46	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST10-2/12/08	040803390-0005	North Side Sidewalk Bridge	2/12/08	3.76	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST11-2/12/08	040803390-0006	90 Trinity Place (roof level)	2/12/08	3.6	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST12-2/12/08	040803390-0007	110 Greenwich Street (roof level)	2/12/08	3.56	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST13-2/12/08	040803390-0008	Marriott Hotel, 38th Floor (roof level)	2/12/08	3.57	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST14(15th) -2/12/08	040803390-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/12/08	3.61	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST15(15th) -2/12/08	040803390-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/12/08	3.53	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST16(15th) -2/12/08	040803390-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/12/08	3.53	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST17(15th) -2/12/08	040803390-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/12/08	3.45	Silica	NIOSH 7500 XRD	EMSL	2/13/08	< 1	No	No	
SILICA-ST1-2/13/08	040803606-0001	Southwest Area (sidewalk bridge level)	2/13/08	3.47	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST2-2/13/08	040803606-0002	Southeast Area (sidewalk bridge level)	2/13/08	3.63	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST4-2/13/08	040803606-0003	Northwest Area (street-level)	2/13/08	3.68	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST5-2/13/08	040803606-0004	Firehouse #10 (roof level)	2/13/08	3.14	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 2	No	No	
SILICA-ST10-2/13/08	040803606-0005	North Side Sidewalk Bridge	2/13/08	3.48	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST11-2/13/08	040803606-0006	90 Trinity Place (roof level)	2/13/08	3.54	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST12-2/13/08	040803606-0007	110 Greenwich Street (roof level)	2/13/08	3.62	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST13-2/13/08	040803606-0008	Marriott Hotel, 38th Floor (roof level)	2/13/08	3.55	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST14(15th) -2/13/08	040803606-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/13/08	3.29	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 2	No	No	Note 2
SILICA-ST15(15th) -2/13/08	040803606-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/13/08	3.35	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 6	No	No	Note 2
SILICA-ST16(15th) -2/13/08	040803606-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/13/08	3.24	Silica	NIOSH 7500 XRD	EMSL	2/15/08	27	Yes	Yes	Notes 1 and 2
SILICA-ST17(15th) -2/13/08	040803606-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/13/08	3.57	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	Note 2
SILICA-ST1-2/14/08	040803607-0001	Southwest Area (sidewalk bridge level)	2/14/08	3.64	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST2-2/14/08	040803607-0002	Southeast Area (sidewalk bridge level)	2/14/08	3.65	Silica	NIOSH 7500 XRD	EMSL	2/15/08	1	No	No	
SILICA-ST4-2/14/08	040803607-0003	Northwest Area (street-level)	2/14/08	3.8	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST5-2/14/08	040803607-0004	Firehouse #10 (roof level)	2/14/08	3.58	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST10-2/14/08	040803607-0005	North Side Sidewalk Bridge	2/14/08	3.47	Silica	NIOSH 7500 XRD	EMSL	2/15/08	1	No	No	
SILICA-ST11-2/14/08	040803607-0006	90 Trinity Place (roof level)	2/14/08	3.66	Silica	NIOSH 7500 XRD	EMSL	2/15/08	3	No	No	
SILICA-ST12-2/14/08	040803607-0007	110 Greenwich Street (roof level)	2/14/08	3.64	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST13-2/14/08	040803607-0008	Marriott Hotel, 38th Floor (roof level)	2/14/08	3.48	Silica	NIOSH 7500 XRD	EMSL	2/15/08	< 1	No	No	
SILICA-ST1-2/15/08	040803648-0001	Southwest Area (sidewalk bridge level)	2/15/08	3.49	Silica	NIOSH 7500 XRD	EMSL	2/18/08	28	Yes	Yes	Note 3
SILICA-ST2-2/15/08	040803648-0002	Southeast Area (sidewalk bridge level)	2/15/08	3.23	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 2	No	No	
SILICA-ST4-2/15/08	040803648-0003	Northwest Area (street-level)	2/15/08	3.08	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 2	No	No	
SILICA-ST5-2/15/08	040803648-0004	Firehouse #10 (roof level)	2/15/08	3.51	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST10-2/15/08	040803648-0005	North Side Sidewalk Bridge	2/15/08	3.48	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST100-2/15/08	040803648-0011	Station 10 Field Duplicate	2/15/08	3.49	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST11-2/15/08	040803748-0006	90 Trinity Place (roof level)	2/15/08	7	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST12-2/15/08	040803648-0006	110 Greenwich Street (roof level)	2/15/08	3.42	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST13-2/15/08	040803648-0007	Marriott Hotel, 38th Floor (roof level)	2/15/08	3.57	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST14(15th) -2/15/08	040803648-0008	West Face - South end at corner (scaffolding level: 15th floor)	2/15/08	3.39	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST16(15th) -2/15/08	040803648-0009	East Face - North end at corner (scaffolding level: 15th floor)	2/15/08	3.35	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST17(15th) -2/15/08	040803648-0010	North Face - West end at corner (scaffolding level: 15th floor)	2/15/08	3.39	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST1-2/16/08	040803748-0001	Southwest Area (sidewalk bridge level)	2/16/08	3.62	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST2-2/16/08	040803748-0002	Southeast Area (sidewalk bridge level)	2/16/08	3.57	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST4-2/16/08	040803748-0003	Northwest Area (street-level)	2/16/08	3.63	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST5-2/16/08	040803748-0004	Firehouse #10 (roof level)	2/16/08	3.6	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST10-2/16/08	040803748-0005	North Side Sidewalk Bridge	2/16/08	3.73	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST12-2/16/08	040803748-0007	110 Greenwich Street (roof level)	2/16/08	3.6	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST13-2/16/08	040803748-0008	Marriott Hotel, 38th Floor (roof level)	2/16/08	3.6	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST14(15th) -2/16/08	040803748-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/16/08	3.5	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST15(15th) -2/16/08	040803748-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/16/08	3.6	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST16(15th) -2/16/08	040803748-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/16/08	3.4	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	
SILICA-ST17(15th) -2/16/08	040803748-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/16/08	3.52	Silica	NIOSH 7500 XRD	EMSL	2/18/08	< 1	No	No	

Note:

- There was an exceedance of the USEPA Site Specific Trigger Level for silica at Station 16 (East Face - North end at corner [scaffolding level]). The sample represents a non-continuous 48 hour collection period from 1042 on February 13, 2008 through 1045 February 15, 2008. After review of all of the information including meteorological data, PM10 measurements, site activities logs and visual observations, it has been determined that the silica exceedance measured at Station 16 on these dates was attributable to work activities at 130 Liberty Street.
- The silica samples at Station 14 (West Face - South end at corner [scaffolding level]), Station 15 (South Face - East end at corner [scaffolding level]), Station 16 (East Face - North end at corner [scaffolding level]), and Station 17 (North Face - West end at corner [scaffolding level]) on February 13 through 15, 2008 represent a non-continuous 48 hour collection period over two calendar days. Interruptions in normal sample operation were attributable to power failure.
- Exceedance of the USEPA Site Specific Trigger Level for silica at Station 1 (Southwest Area [sidewalk bridge level]) occurred on February 15, 2008. Fugitive emissions likely attributable to one or more off site properties directly impacted silica concentrations. After review of all of the information including meteorological data, PM10 measurements, site activities logs and off site visual observations, it has been determined that the silica exceedance measured at Station 1 on February 15, 2008 was not attributable to work activities at 130 Liberty Street.
- The silica sample at Station 11 (90 Trinity Place [roof level]) on February 15, 2008 represent a 48 hour collection period. The station was not accessible on February 16, 2008 for sample retrieval.
- The silica sample at Station 15 (South Face - East end at corner [scaffolding level]) on February 15, 2008 was not available for analysis on account of media damage.