

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-ST1-2/21/09	040904708-0001	Southwest Area (sidewalk bridge level)	2/21/09	3.54	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST2-2/21/09	040904708-0002	Southeast Area (sidewalk bridge level)	2/21/09	3.53	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST4-2/21/09	040904708-0003	Northwest Area (street-level)	2/21/09	3.64	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST5-2/21/09	040904708-0004	Firehouse #10 (roof level)	2/21/09	3.62	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST10-2/21/09	040904708-0005	North Side Sidewalk Bridge	2/21/09	3.64	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST11-2/21/09	040904708-0006	90 Trinity Place (roof level)	2/21/09	3.61	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST12-2/21/09	040904708-0007	110 Greenwich Street (roof level)	2/21/09	3.64	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST13-2/21/09	040904708-0008	Marriott Hotel, 38th Floor (roof level)	2/21/09	3.58	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST14(15th)-2/21/09	040904708-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/21/09	3.43	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST15(15th)-2/21/09	040904708-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/21/09	3.51	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST16(15th)-2/21/09	040904708-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/21/09	3.53	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST17(15th)-2/21/09	040904708-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/21/09	3.6	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST1-2/22/09	040904709-0001	Southwest Area (sidewalk bridge level)	2/22/09	3.74	Silica	NIOSH 7500 XRD	EMSL	2/24/09	2	No	No	
SILICA-ST2-2/22/09	040904709-0002	Southeast Area (sidewalk bridge level)	2/22/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST4-2/22/09	040904709-0003	Northwest Area (street-level)	2/22/09	3.54	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST5-2/22/09	040904709-0004	Firehouse #10 (roof level)	2/22/09	3.61	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST10-2/22/09	040904709-0005	North Side Sidewalk Bridge	2/22/09	3.59	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST11-2/22/09	040904709-0006	90 Trinity Place (roof level)	2/22/09	3.53	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST12-2/22/09	040904709-0007	110 Greenwich Street (roof level)	2/22/09	3.57	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST13-2/22/09	040904709-0008	Marriott Hotel, 38th Floor (roof level)	2/22/09	3.6	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST14(15th)-2/22/09	040904709-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/22/09	3.85	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST15(15th)-2/22/09	040904709-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/22/09	3.84	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST16(15th)-2/22/09	040904709-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/22/09	3.78	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST17(15th)-2/22/09	040904709-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/22/09	3.97	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST1-2/23/09	040904729-0001	Southwest Area (sidewalk bridge level)	2/23/09	3.75	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST2-2/23/09	040904729-0002	Southeast Area (sidewalk bridge level)	2/23/09	3.66	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST4-2/23/09	040904729-0003	Northwest Area (street-level)	2/23/09	3.66	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST5-2/23/09	040904729-0004	Firehouse #10 (roof level)	2/23/09	3.67	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST10-2/23/09	040904729-0005	North Side Sidewalk Bridge	2/23/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST11-2/23/09	040904729-0006	90 Trinity Place (roof level)	2/23/09	3.53	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST12-2/23/09	040904729-0007	110 Greenwich Street (roof level)	2/23/09	3.59	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST13-2/23/09	040904729-0008	Marriott Hotel, 38th Floor (roof level)	2/23/09	3.64	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST14(15th)-2/23/09	040904729-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/23/09	3.62	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST15(15th)-2/23/09	040904729-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/23/09	3.55	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST16(15th)-2/23/09	040904729-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/23/09	3.71	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 1	No	No	
SILICA-ST17(15th)-2/23/09	040904729-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/23/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/24/09	< 6	No	No	
SILICA-ST1-2/24/09	040904847-0001	Southwest Area (sidewalk bridge level)	2/24/09	3.75	Silica	NIOSH 7500 XRD	EMSL	2/25/09	2	No	No	
SILICA-ST2-2/24/09	040904847-0002	Southeast Area (sidewalk bridge level)	2/24/09	3.68	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST4-2/24/09	040904847-0003	Northwest Area (street-level)	2/24/09	3.66	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST5-2/24/09	040904847-0004	Firehouse #10 (roof level)	2/24/09	3.57	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST10-2/24/09	040904847-0005	North Side Sidewalk Bridge	2/24/09	3.61	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST11-2/24/09	040904847-0006	90 Trinity Place (roof level)	2/24/09	3.55	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST12-2/24/09	040904847-0007	110 Greenwich Street (roof level)	2/24/09	3.57	Silica	NIOSH 7500 XRD	EMSL	2/25/09	1	No	No	
SILICA-ST13-2/24/09	040904847-0008	Marriott Hotel, 38th Floor (roof level)	2/24/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST14(15th)-2/24/09	040904847-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/24/09	3.64	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST15(15th)-2/24/09	040904847-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/24/09	3.62	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST16(15th)-2/24/09	040904847-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/24/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST17(15th)-2/24/09	040904847-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/24/09	3.69	Silica	NIOSH 7500 XRD	EMSL	2/25/09	< 1	No	No	
SILICA-ST1-2/25/09	040904964-0001	Southwest Area (sidewalk bridge level)	2/25/09	4.12	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	Note 1
SILICA-ST2-2/25/09	040904964-0002	Southeast Area (sidewalk bridge level)	2/25/09	4.05	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	Note 1
SILICA-ST4-2/25/09	040904964-0003	Northwest Area (street-level)	2/25/09	3.59	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST5-2/25/09	040904964-0004	Firehouse #10 (roof level)	2/25/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST10-2/25/09	040904964-0005	North Side Sidewalk Bridge	2/25/09	3.51	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST100-2/25/09	040904964-0013	Station 10 Field Duplicate	2/25/09	3.46	Silica	NIOSH 7500 XRD	EMSL	2/26/09	4	No	No	
SILICA-ST11-2/25/09	040904964-0006	90 Trinity Place (roof level)	2/25/09	3.65	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST12-2/25/09	040904964-0007	110 Greenwich Street (roof level)	2/25/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST13-2/25/09	040904964-0008	Marriott Hotel, 38th Floor (roof level)	2/25/09	3.66	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST14(15th)-2/25/09	040904964-0009	West Face - South end at corner (scaffolding level: 15th floor)	2/25/09	3.55	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST15(15th)-2/25/09	040904964-0010	South Face - East end at corner (scaffolding level: 15th floor)	2/25/09	3.42	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST16(15th)-2/25/09	040904964-0011	East Face - North end at corner (scaffolding level: 15th floor)	2/25/09	3.45	Silica	NIOSH 7500 XRD	EMSL	2/26/09	< 1	No	No	
SILICA-ST17(15th)-2/25/09	040904964-0012	North Face - West end at corner (scaffolding level: 15th floor)	2/25/09	3.63	Silica	NIOSH 7500 XRD	EMSL	2/26/09	13	Yes	Yes	Note 2

- Note:
- The silica sample volumes at Station 1 (Southwest Area [sidewalk bridge level]) and Station 2 (Southeast Area [sidewalk bridge level]) on February 25, 2009 were slightly elevated because the stations were recovered late due to access issues.
 - There was an exceedance of the USEPA Site Specific Trigger Level for silica at Station 17 (North Face - West end at corner [scaffolding level: 15th floor]) on February 25, 2009. After review of the meteorological data, PM10 measurements, site activities logs and off site visual observations, it has been determined that the silica exceedance measured at Station 17 on February 25, 2009 was potentially attributable to a combination of on site activities (14th floor façade removal and glass disposal in North West area) and off site activities (130 Cedar Street: demo and construction activity and load out activities near hoist into garbage truck, Lot North of 130 Cedar Street, North West of 130 Liberty: excavation and concrete pouring, WTC site: demo activity in the North East area, concrete pouring activity in South East area, and steel construction in West area, and 4 Albany Street site: actively pouring concrete on upper floors).