

| 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-ST1-2/11/09 | 040903901-0001 | Southwest Area (sidewalk bridge level) | 2/11/09 | 2.72 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 2 | No | No | Note 1 |
| SILICA-ST2-2/11/09 | 040903901-0002 | Southeast Area (sidewalk bridge level) | 2/11/09 | 3.66 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST4-2/11/09 | 040903901-0003 | Northwest Area (street-level) | 2/11/09 | 3.63 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST5-2/11/09 | 040903901-0004 | Firehouse #10 (roof level) | 2/11/09 | 3.58 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST10-2/11/09 | 040903901-0005 | North Side Sidewalk Bridge | 2/11/09 | 3.63 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST11-2/11/09 | 040903901-0006 | 90 Trinity Place (roof level) | 2/11/09 | 3.53 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST12-2/11/09 | 040903901-0007 | 110 Greenwich Street (roof level) | 2/11/09 | 3.5 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST13-2/11/09 | 040903901-0008 | Marriott Hotel, 38th Floor (roof level) | 2/11/09 | 3.46 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST14(15th)-2/11/09 | 040903918-0001 | West Face - South end at corner (scaffolding level: 15th floor) | 2/11/09 | 7.24 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | Note 2 |
| SILICA-ST15(15th)-2/11/09 | 040903918-0002 | South Face - East end at corner (scaffolding level: 15th floor) | 2/11/09 | 7.07 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | Note 2 |
| SILICA-ST16(15th)-2/11/09 | 040903918-0003 | East Face - North end at corner (scaffolding level: 15th floor) | 2/11/09 | 7.12 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | Note 2 |
| SILICA-ST17(15th)-2/11/09 | 040903918-0004 | North Face - West end at corner (scaffolding level: 15th floor) | 2/11/09 | 7.09 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | 1 | No | No | Note 2 |
| SILICA-ST1-2/12/09 | 040903919-0001 | Southwest Area (sidewalk bridge level) | 2/12/09 | 3.74 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST2-2/12/09 | 040903919-0002 | Southeast Area (sidewalk bridge level) | 2/12/09 | 3.6 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST4-2/12/09 | 040903919-0003 | Northwest Area (street-level) | 2/12/09 | 3.65 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST5-2/12/09 | 040903919-0004 | Firehouse #10 (roof level) | 2/12/09 | 3.66 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST10-2/12/09 | 040903919-0005 | North Side Sidewalk Bridge | 2/12/09 | 3.47 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST11-2/12/09 | 040903919-0006 | 90 Trinity Place (roof level) | 2/12/09 | 3.57 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | 2 | No | No | |
| SILICA-ST12-2/12/09 | 040903919-0007 | 110 Greenwich Street (roof level) | 2/12/09 | 3.58 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |
| SILICA-ST13-2/12/09 | 040903919-0008 | Marriott Hotel, 38th Floor (roof level) | 2/12/09 | 3.84 | Silica | NIOSH 7500 XRD | EMSL | 2/13/09 | < 1 | No | No | |

Note:

- The silica sample at Station 1(Southwest Area [sidewalk bridge level]) on February 11, 2009 had a reduced volume due to a temporary power outage.
- The silica sample volumes at Station 14 (West Face - South end at corner [scaffolding level: 15th floor]), Station 15 [South Face - East end at corner [scaffolding level: 15th floor]), Station 16 (East Face - North end at corner [scaffolding level: 15th floor]), and Station 17 (North Face - West end at corner [scaffolding level: 15th floor]) on February 11, 2009 represent 2 consecutive 24-hour periods as samples could not be retrieved on February 12, 2009 due to hazardous conditions on the scaffolding posed by high winds.
- Silica samples at Station 14 (West Face - South end at corner [scaffolding level: 15th floor]), Station 15 [South Face - East end at corner [scaffolding level: 15th floor]), Station 16 (East Face - North end at corner [scaffolding level:15th floor]), and Station 17 (North Face - West end at corner [scaffolding level: 15th floor]) on February 12, 2009 were not accessible due to hazardous conditions on the scaffolding posed by high winds. Refer to samples collected on February 11, 2009 which reflect 2 consecutive 24-hour periods.

