

TRC Field Sample No.	Sample No.	Sampling Location	Collection Start Date	Sample Volume (m ³)	Analyte	Analytical Method	Lab	Lab Sample Receipt Date	Antimony Concentration (ng/m ³)	Barium Concentration (ng/m ³)	Beryllium Concentration (ng/m ³)	Cadmium Concentration (ng/m ³)	Chromium (Total) Concentration (ng/m ³)	Copper Concentration (ng/m ³)	Lead Concentration (ng/m ³)	Manganese Concentration (ng/m ³)	Nickel Concentration (ng/m ³)	Zinc Concentration (ng/m ³)	Exceeds Target Air Quality Levels	Exceeds EPA Site Specific Trigger Levels	Comments
EPA Site Specific Trigger Levels									5,000	5,000	20	40	600	10,000	1,500	500	200	16,000			
METALS-ST1-2/9/09	GB8110151001	Southwest Area (sidewalk bridge level)	2/9/09	1724.4	Metals	6020	STL-SAC	2/11/09	6.0	97.0	< 0.70	< 0.70	< 7.0	196	15.8	32.7	15.6	121	No	No	
METALS-ST2-2/9/09	GB8110151002	Southeast Area (sidewalk bridge level)	2/9/09	1728.4	Metals	6020	STL-SAC	2/11/09	6.3	99.5	< 0.69	< 0.69	9.7	429	16.4	45.7	17.7	146	No	No	
METALS-ST4-2/9/09	GB8110151003	Northwest Area (street-level)	2/9/09	1704	Metals	6020	STL-SAC	2/11/09	7.2	2770	< 0.70	< 0.70	10.0	390	23.4	570	21.7	91.9	Yes	Yes	Note 1
METALS-ST5-2/9/09	GB8110151004	Firehouse #10 (roof level)	2/9/09	1755.3	Metals	6020	STL-SAC	2/11/09	4.9	97.9	< 0.68	< 0.68	7.6	153	12.4	44.6	16.8	112	No	No	
METALS-ST10-2/9/09	GB8110151005	North Side Sidewalk Bridge	2/9/09	1718.5	Metals	6020	STL-SAC	2/11/09	4.9	125	< 0.70	< 0.70	11.0	287	15.2	62.6	15.3	153	No	No	
METALS-ST100-2/9/09	GB8110151013	Station 10 Field Duplicate	2/9/09	1749.9	Metals	6020	STL-SAC	2/11/09	4.5	102	< 0.69	< 0.69	8.8	235	13.5	55.6	16.2	164	No	No	
METALS-ST11-2/9/09	GB8110151006	90 Trinity Place (roof level)	2/9/09	1738.6	Metals	6020	STL-SAC	2/11/09	4.0	< 69.0	< 0.69	< 0.69	< 6.9	121	11.0	18.8	12.7	77.2	No	No	
METALS-ST12-2/9/09	GB8110151007	110 Greenwich Street (roof level)	2/9/09	1728.3	Metals	6020	STL-SAC	2/11/09	4.4	< 69.4	< 0.69	< 0.69	10.4	104	10.8	17.3	13.9	83.3	No	No	
METALS-ST13-2/9/09	GB8110151008	Marron Hotel, 38th Floor (roof level)	2/9/09	1720.4	Metals	6020	STL-SAC	2/11/09	4.5	< 69.8	< 0.70	< 0.70	< 7.0	178	14.8	14.2	81.1	No	No		
METALS-ST14-2/9/09	GB8110151009	West Face - South end at corner (scaffolding level)	2/9/09	1722.8	Metals	6020	STL-SAC	2/11/09	5.2	< 69.6	< 0.70	< 0.70	< 7.0	350	13.0	22.8	16.4	206	No	No	
METALS-ST15-2/9/09	GB8110151010	South Face - East end at corner (scaffolding level)	2/9/09	1718.2	Metals	6020	STL-SAC	2/11/09	5.1	72.1	< 0.70	< 0.70	< 7.0	256	29.8	26.6	16.0	202	No	No	
METALS-ST16-2/9/09	GB8110151011	East Face - North end at corner (scaffolding level)	2/9/09	1716.6	Metals	6020	STL-SAC	2/11/09	5.3	89.8	< 0.70	< 0.70	16.0	284	23.8	39.0	19.3	392	No	No	
METALS-ST17-2/9/09	GB8110151012	North Face - West end at corner (scaffolding level)	2/9/09	1734.4	Metals	6020	STL-SAC	2/11/09	5.1	102	< 0.69	< 0.69	9.1	160	19.0	40.2	16.4	341	No	No	
METALS-ST1-2/10/09	GB8120158001	Southwest Area (sidewalk bridge level)	2/10/09	1725.7	Metals	6020	STL-SAC	2/12/09	7.7	166	< 0.70	< 0.70	< 7.0	135	15.4	45.4	18.2	112	No	No	
METALS-ST2-2/10/09	GB8120158002	Southeast Area (sidewalk bridge level)	2/10/09	1742.7	Metals	6020	STL-SAC	2/12/09	7.5	96.6	< 0.69	< 0.69	8.5	279	14.0	51.9	19.8	127	No	No	
METALS-ST4-2/10/09	GB8120158003	Northwest Area (street-level)	2/10/09	1705.4	Metals	6020	STL-SAC	2/12/09	8.4	3480	< 0.70	< 0.70	9.0	171	20.9	646	20.4	17.2	Yes	Yes	Note 1
METALS-ST5-2/10/09	GB8120158004	Firehouse #10 (roof level)	2/10/09	1738.6	Metals	6020	STL-SAC	2/12/09	7.4	108	< 0.69	< 0.69	15.5	105	14.4	50.0	20.4	132	No	No	
METALS-ST10-2/10/09	GB8120158005	North Side Sidewalk Bridge	2/10/09	1706.4	Metals	6020	STL-SAC	2/12/09	8.2	213	< 0.70	< 0.70	10.0	109	16.7	74.4	23.2	295	No	No	
METALS-ST11-2/10/09	GB8120158006	90 Trinity Place (roof level)	2/10/09	1734.8	Metals	6020	STL-SAC	2/12/09	5.8	< 69.2	< 0.69	< 0.69	< 6.9	90.4	13.8	19.1	15.8	75.1	No	No	
METALS-ST12-2/10/09	GB8120158007	110 Greenwich Street (roof level)	2/10/09	1750	Metals	6020	STL-SAC	2/12/09	5.9	< 68.6	< 0.68	< 0.68	< 6.8	78.0	12.7	15.8	83.4	No	No		
METALS-ST13-2/10/09	GB8120158008	Marron Hotel, 38th Floor (roof level)	2/10/09	1700.8	Metals	6020	STL-SAC	2/12/09	5.0	< 70.6	< 0.70	< 0.70	< 7.0	74.8	10.6	16.0	65.1	No	No		
METALS-ST14-2/10/09	GB8120158009	West Face - South end at corner (scaffolding level)	2/10/09	1733.7	Metals	6020	STL-SAC	2/12/09	6.2	< 69.2	< 0.69	< 0.69	7.5	110	14.8	21.9	18.0	209	No	No	
METALS-ST15-2/10/09	GB8120158010	South Face - East end at corner (scaffolding level)	2/10/09	1704.2	Metals	6020	STL-SAC	2/12/09	7.8	< 70.4	< 0.70	< 0.70	9.6	111	17.8	27.2	21.3	289	No	No	
METALS-ST16-2/10/09	GB8120158011	East Face - North end at corner (scaffolding level)	2/10/09	1707.3	Metals	6020	STL-SAC	2/12/09	6.0	< 70.3	< 0.70	< 0.70	8.1	291	23.2	27.5	17.3	173	No	No	
METALS-ST17-2/10/09	GB8120158012	North Face - West end at corner (scaffolding level)	2/10/09	1725.6	Metals	6020	STL-SAC	2/12/09	6.0	83.7	< 0.70	< 0.70	10.5	110	18.0	34.3	18.3	352	No	No	
METALS-ST1-2/11/09	GB8130165001	Southwest Area (sidewalk bridge level)	2/11/09	1249.2	Metals	6020	STL-SAC	2/13/09	5.8	< 96.1	< 0.96	< 0.96	< 9.6	87.7	12.2	40.9	10.7	234	No	No	
METALS-ST2-2/11/09	GB8130165002	Southeast Area (sidewalk bridge level)	2/11/09	1708.7	Metals	6020	STL-SAC	2/13/09	6.4	74.2	< 0.70	< 0.70	9.9	199	15.3	89.0	12.5	196	No	No	
METALS-ST4-2/11/09	GB8130165003	Northwest Area (street-level)	2/11/09	1702.6	Metals	6020	STL-SAC	2/13/09	8.3	203	< 0.70	< 0.70	13.2	172	24.1	322	16.7	1090	No	No	
METALS-ST5-2/11/09	GB8130165004	Firehouse #10 (roof level)	2/11/09	1733.4	Metals	6020	STL-SAC	2/13/09	6.6	80.5	< 0.69	< 0.69	7.6	98.8	13.0	55.2	12.0	120	No	No	
METALS-ST10-2/11/09	GB8130165005	North Side Sidewalk Bridge	2/11/09	1707.1	Metals	6020	STL-SAC	2/13/09	7.1	166	< 0.70	< 0.70	8.5	128	15.1	82.6	14.2	160	No	No	
METALS-ST11-2/11/09	GB8130165006	90 Trinity Place (roof level)	2/11/09	1720.5	Metals	6020	STL-SAC	2/13/09	4.7	< 69.7	< 0.70	< 0.70	< 7.0	89.8	12.7	20.3	8.6	68.2	No	No	
METALS-ST12-2/11/09	GB8130165007	110 Greenwich Street (roof level)	2/11/09	1706.3	Metals	6020	STL-SAC	2/13/09	4.5	< 70.3	< 0.70	< 0.70	< 7.0	78.1	20.0	26.9	9.4	75.3	No	No	
METALS-ST13-2/11/09	GB8130165008	Marron Hotel, 38th Floor (roof level)	2/11/09	1720.1	Metals	6020	STL-SAC	2/13/09	4.0	< 69.8	< 0.70	< 0.70	1.3	86.3	9.2	15.2	9.0	64.8	No	No	
METALS-ST14-2/11/09	GB8140182010	West Face - South end at corner (scaffolding level)	2/11/09	3449.3	Metals	6020	STL-SAC	2/14/09	2.8	< 34.8	< 0.35	< 0.35	< 3.5	55.2	10.5	16.6	5.6	150	No	No	Note 2
METALS-ST15-2/11/09	GB8140182011	South Face - East end at corner (scaffolding level)	2/11/09	3439.9	Metals	6020	STL-SAC	2/14/09	3.7	39.8	< 0.35	< 0.35	5.0	75.3	16.4	21.3	6.2	231	No	No	Note 2
METALS-ST16-2/11/09	GB8140182012	East Face - North end at corner (scaffolding level)	2/11/09	3449.4	Metals	6020	STL-SAC	2/14/09	3.4	44.3	< 0.35	< 0.35	5.4	139	17.2	26.3	6.8	178	No	No	Note 2
METALS-ST17-2/11/09	GB8140182013	North Face - West end at corner (scaffolding level)	2/11/09	3459.6	Metals	6020	STL-SAC	2/14/09	2.9	45.2	< 0.35	< 0.35	5.2	63.4	13.6	25.4	5.9	221	No	No	Note 2
METALS-ST1-2/12/09	GB8140182001	Southwest Area (sidewalk bridge level)	2/12/09	1728.2	Metals	6020	STL-SAC	2/14/09	2.2	< 69.4	< 0.69	< 0.69	< 6.9	86.3	13.1	18.4	4.1	102	No	No	
METALS-ST2-2/12/09	GB8140182002	Southeast Area (sidewalk bridge level)	2/12/09	1744.3	Metals	6020	STL-SAC	2/14/09	3.1	< 68.8	< 0.69	< 0.69	7.0	227	20.1	39.8	6.3	194	No	No	
METALS-ST4-2/12/09	GB8140182003	Northwest Area (street-level)	2/12/09	1705.7	Metals	6020	STL-SAC	2/14/09	3.6	1730	< 0.70	< 0.70	< 7.0	107	40.2	246	6.4	326	No	No	
METALS-ST5-2/12/09	GB8140182004	Firehouse #10 (roof level)	2/12/09	1752.1	Metals	6020	STL-SAC	2/14/09	2.4	< 68.5	< 0.68	< 0.68	< 6.8	53.6	15.1	38.5	5.7	193	No	No	
METALS-ST10-2/12/09	GB8140182005	North Side Sidewalk Bridge	2/12/09	1714.3	Metals	6020	STL-SAC	2/14/09	2.2	86.6	< 0.70	< 0.70	7.9	69.3	19.1	77.5	7.2	207	No	No	
METALS-ST11-2/12/09	GB8140182006	90 Trinity Place (roof level)	2/12/09	1737.7	Metals	6020	STL-SAC	2/14/09	1.7	< 69.0	< 0.69	< 0.69	< 6.9	42.6	12.2	14.6	4.6	65.8	No	No	
METALS-ST12-2/12/09	GB8140182007	110 Greenwich Street (roof level)	2/12/09	1744.8	Metals	6020	STL-SAC	2/14/09	1.8	< 68.8	< 0.69	< 0.69	1.6	56.2	11.2	15.8	5.0	64.2	No	No	
METALS-ST13-2/12/09	GB8140182008	Marron Hotel, 38th Floor (roof level)	2/12/09	1721.6	Metals	6020	STL-SAC	2/14/09	< 1.4	< 66.7	< 0.70	< 0.70	2.7	47.4	7.0	9.2	< 3.5	55.4	No	No	

Note:
1. There were exceedances of the USEPA Site Specific Trigger Level for manganese at Station 4 (Northwest Area (street-level)) on February 9 and 10, 2009. After review of all of the information presented herein including meteorological data, PM10 measurements, site activities logs and off site visual observations, it has been determined that the manganese exceedances measured at Station 4 on February 9 and 10, 2009 may have been attributable to a combination of the following activities: welding activities in the basement of 130 Liberty Street, 130 Cedar Street work activities, and local truck traffic. Welding activities in the basement of 130 Liberty Street have temporarily stopped until welding procedures are reevaluated, stricter emissions controls developed, and corrective actions acceptable to the USEPA are in place.
2. The metals sample volumes 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 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.
3. Metals 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 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.