

QAPP AMENDMENT FORM: Amendment # 7

DATE FORM SUBMITTED: 7/23/07

QAPP Title **Quality Assurance Project Plan for the Ambient Air Monitoring Program**
130 Liberty Street Deconstruction Project
September 7, 2005

ITEM #1

This Amendment provides the current status and clarification on the locations of all air monitoring stations used for the 130 Liberty Street ambient air monitoring program. The Monitoring Station Summary (Table 7-4a) contained in this Amendment supercedes all prior information provided for the current locations.

Reason for Amendment:

The Amendment has been created to provide clarification to all parties on the status and current locations of all air monitoring stations.

Sections of QAPP Affected:

Figure 7-1: The locations of the current array of air monitoring stations are not accurately depicted on this figure. This figure has been updated to more accurately reflect the current locations of the monitoring stations. In addition, two new figures will be added to the QAPP (Figures 7-3 and 7-4) which will provide a three-dimensional view of all air monitoring stations.

Figure 6-1 (Project Timeline), Table 7-2 (Phase I: Preparation Phase & Asbestos and COPC Abatement and Removal Sampling and Analysis Summary), Table 7-3 (Phase II – Structural Deconstruction Phase Sampling and Analysis Summary), Table 7-4 (Summary of Relevant Information – Sampling Locations), and Table 14-1 (Sample Numbering Scheme):

The reference to the ground/street level stations has been changed to sidewalk bridge level for Stations 1, 2, and 10.

Table 7-4a: This table (Monitoring Station Summary) has been added to the QAPP to provide further clarification on all sample locations.

Attachment A: New photographs have been provided to accurately reflect the current locations of all air monitoring stations. These will be issued under separate cover on compact disk (CD) as per usual practice. Attachment A site photographs will also be posted on the LMDC web site.

Date Implemented:

June 2007

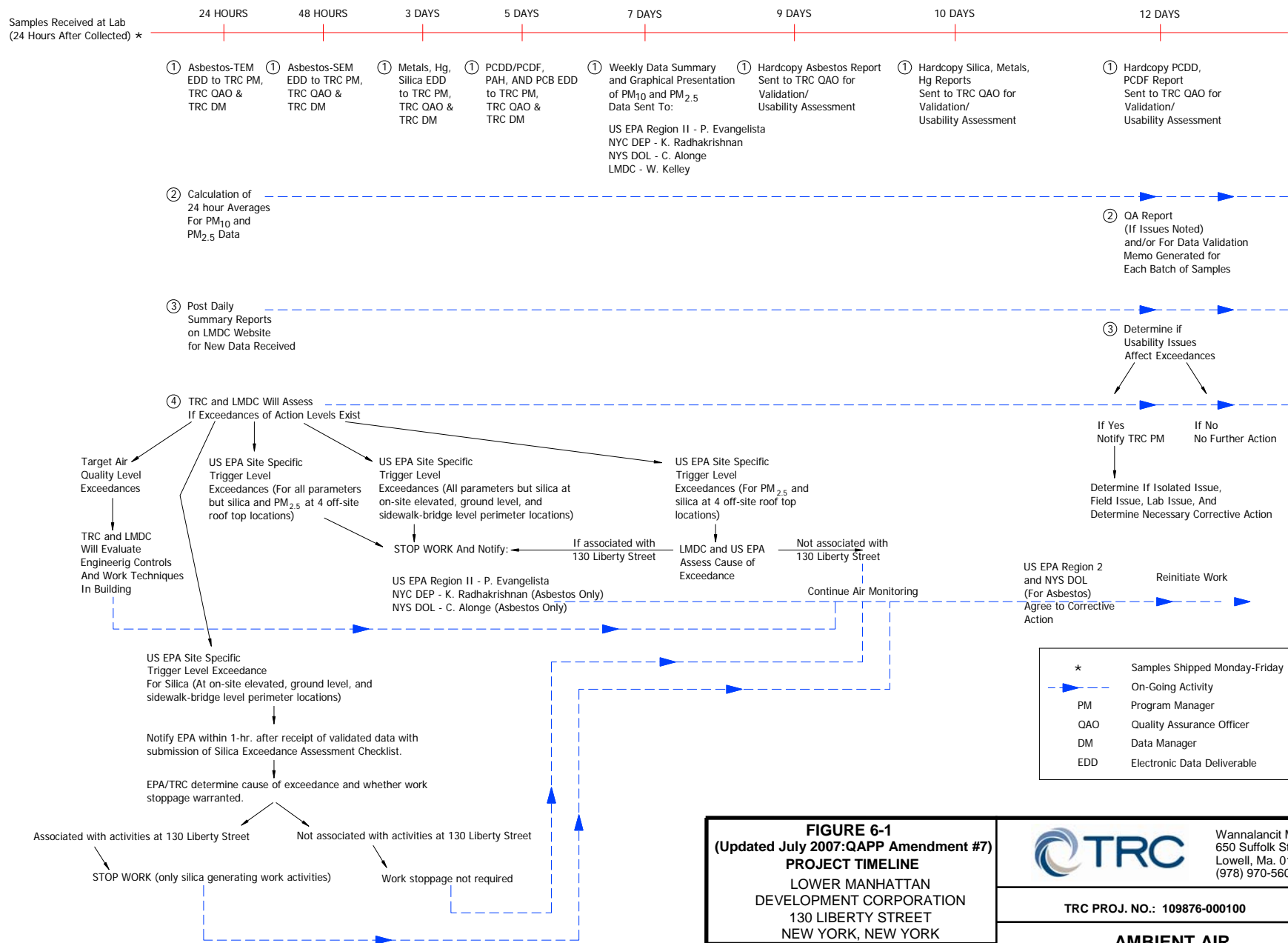


FIGURE 6-1
(Updated July 2007: QAPP Amendment #7)
PROJECT TIMELINE
LOWER MANHATTAN
DEVELOPMENT CORPORATION
130 LIBERTY STREET
NEW YORK, NEW YORK



Wannalancit Mills
650 Suffolk Street
Lowell, Ma. 01854
(978) 970-5600

TRC PROJ. NO.: 109876-000100

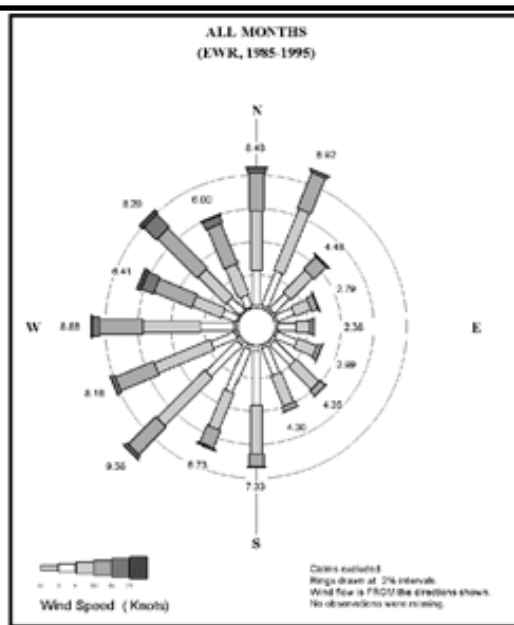
**AMBIENT AIR
MONITORING PROGRAM**

Table 7-4a (QAPP Amendment #7)
Monitoring Station Summary, 130 Liberty Street Deconstruction as of June 2007

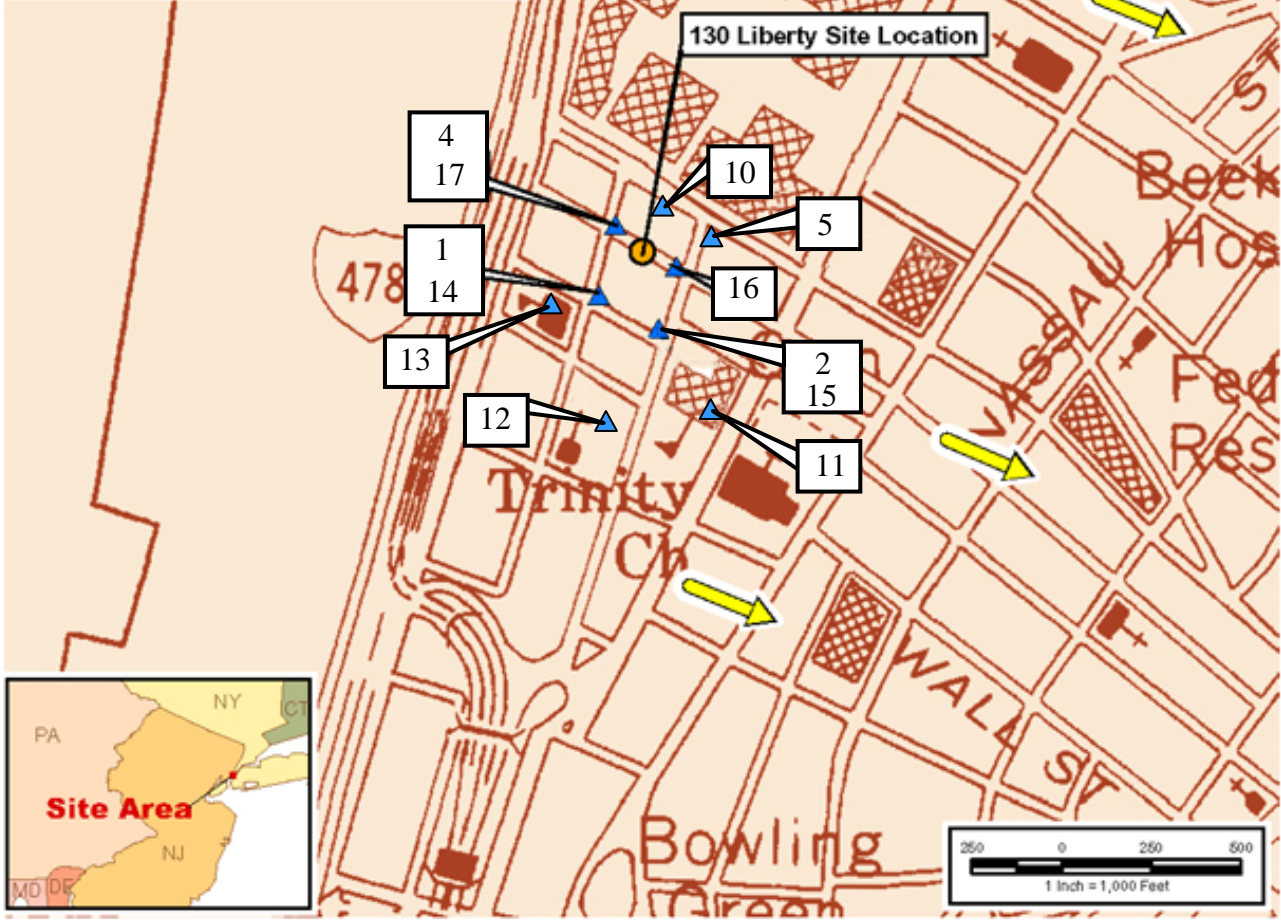
Station		Location Description in Plan		Location Description in QAPP		Actual Location	Actual Level	Start-up Date
				Site Location	Direction From 130 Liberty			
Ambient Air Monitoring Stations								
Station 1	Southwest of building (Washington St./Albany St.) at ground level	Ground Level - Washington Street/Albany Street	Southwest Corner	Southwest Area	Sidewalk Bridge	9/14/2005		
Station 2	Southeast of building (Albany St./Greenwich St.) at ground level	Ground Level - Albany Street/Greenwich Street	Southeast Corner	Southeast Area	Sidewalk Bridge	9/14/2005		
Station 4	Northwest of building (Washington St./Cedar St.) at ground level	Ground Level - Washington Street/Cedar Street	Northwest Corner	Northwest Area	Street	9/14/2005		
Station 5	Off-site roof top location (124 Liberty Street - FDNY 10-10 House)	Roof Top Off Site - 124 Liberty Street/FDNY 10-10 House	Northeast	Firehouse #10	Roof	9/14/2005		
Station 10	Not suggested in Plan - Replaced Station 3	Not suggested in QAPP - Replaced Station 3		North Side	Sidewalk Bridge	9/19/2005		
Station 11	Off-site roof top location (90 Trinity Place – School)	Roof Top Off Site - 90 Trinity Place - School	Southeast	90 Trinity Place	Roof	10/5/2005		
Station 12	Off-site roof top location (110 Greenwich Street)	Roof Top Off Site - 110 Greenwich Street	South	110 Greenwich Street	Roof	10/6/2005		
Station 13	Off-site roof top location (85 West Street – Marriott Hotel)	Roof Top Off Site - 85 West Street - Marriott Hotel	Southwest	Marriott Hotel 38th Floor	Roof	10/5/2005		
Station 14	Each side at elevation on scaffolding (Phase I and II only)	Scaffolding at Building; Floating Elevation	Southwest Corner	West Face - South end at corner	Scaffolding	In effect on 10th floor as of 11/19/05; in effect on 20th floor as of 12/11/05; in effect on 30th floor on 1/10/07; in effect on 20th floor on 3/11/07 with exception of silica which remained on 30th floor until 6/14/07; silica in effect on 29th floor on 6/15/07; in effect on 15th floor on 6/25/07 which exception of silica which remained on 29th floor (**)		
Station 15	Each side at elevation on scaffolding (Phase I and II only)	Scaffolding at Building; Floating Elevation	Southeast Corner	South Face - East end at corner	Scaffolding			
Station 16	Each side at elevation on scaffolding (Phase I and II only)	Scaffolding at Building; Floating Elevation	Northeast Corner	East Face - North end at corner	Scaffolding			
Station 17	Each side at elevation on scaffolding (Phase I and II only)	Scaffolding at Building; Floating Elevation	Northwest Corner	North Face - West end at corner	Scaffolding			
Meteorological Monitoring Stations								
Roof Station	Roof top of 130 Liberty Street until onset of deconstruction, at which point the station will be collocated with one of the off site rooftop air monitoring stations	Roof top of 130 Liberty Street until onset of deconstruction, at which point the station will be collocated with one of the off site rooftop air monitoring stations		Building Roof	Roof	In effect as of 9/14/05. Moved to the Marriott Hotel roof on 2/27/07.		
Ground Station	Not Suggested in Plan	Not Suggested in QAPP		Liberty Street	Sidewalk Bridge	11/2/2005		

Notes:
There was a minor move of the Meteorological Ground Level Station on 4/24/2007 due to construction logistics; however, the location description remains the same.
Stations 3, 6, 7, 8, and 9 are no longer in service.
** As per the Ambient Air Monitoring Plan Amendment #5, the location of the silica monitors will move with deconstruction.

Plan - Ambient Air Monitoring Plan, Section 2 of the Deconstruction Plan submitted September 7, 2005
QAPP - Ambient Air Monitoring Quality Assurance Project Plan



Legend
 Monitoring Locations



LEGEND:
 AVERAGE WIND DIRECTION

SOURCE:
 USGS 7.5 Minute Series (Topographic) Quadrangles: Jersey City, NJ-NY
 Wind Roses for Newark International Airport, 1985-1995

PROJECT:
 130 LIBERTY STREET
 DECONSTRUCTION PROJECT

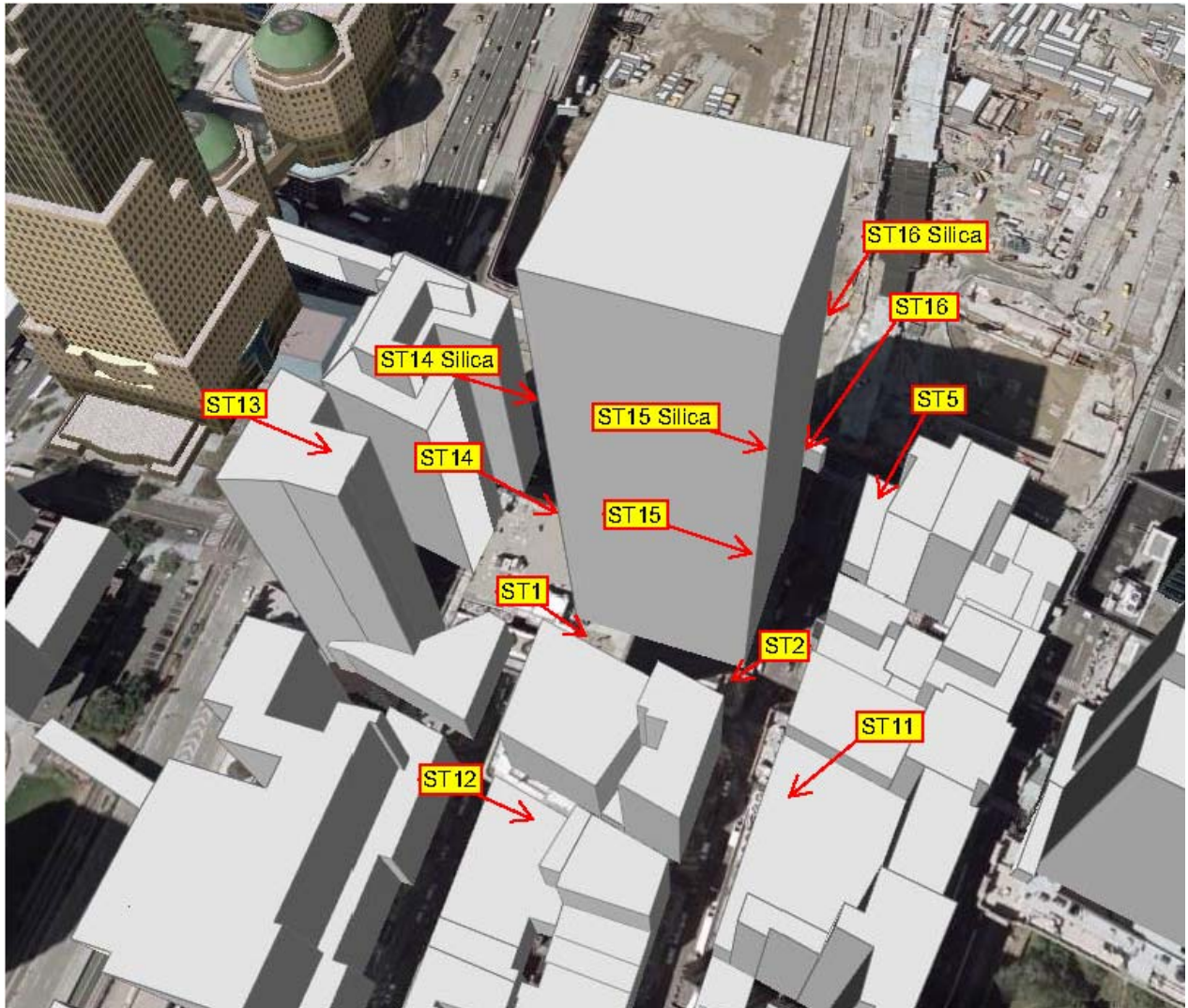
**Site Location Map for
 Ambient Air Monitoring Locations
 130 Liberty Street
 New York, New York
 Updated June 2007: QAPP Amendment #7**

TRC Wannalancit Mills
 650 Suffolk Street
 Lowell, Ma. 01854
 (978) 970-5600

**FIGURE
 7-1**

DRAWN: MAN
CHECKED: GH
SCALE: AS SHOWN
Date 6/26/07

T:\E_CAD\109876\siteppt2a



3-Dimensional View of Air Monitoring Stations from The South



Wannalancit Mills
650 Suffolk Street
Lowell, Ma. 01854
(978) 970-5600

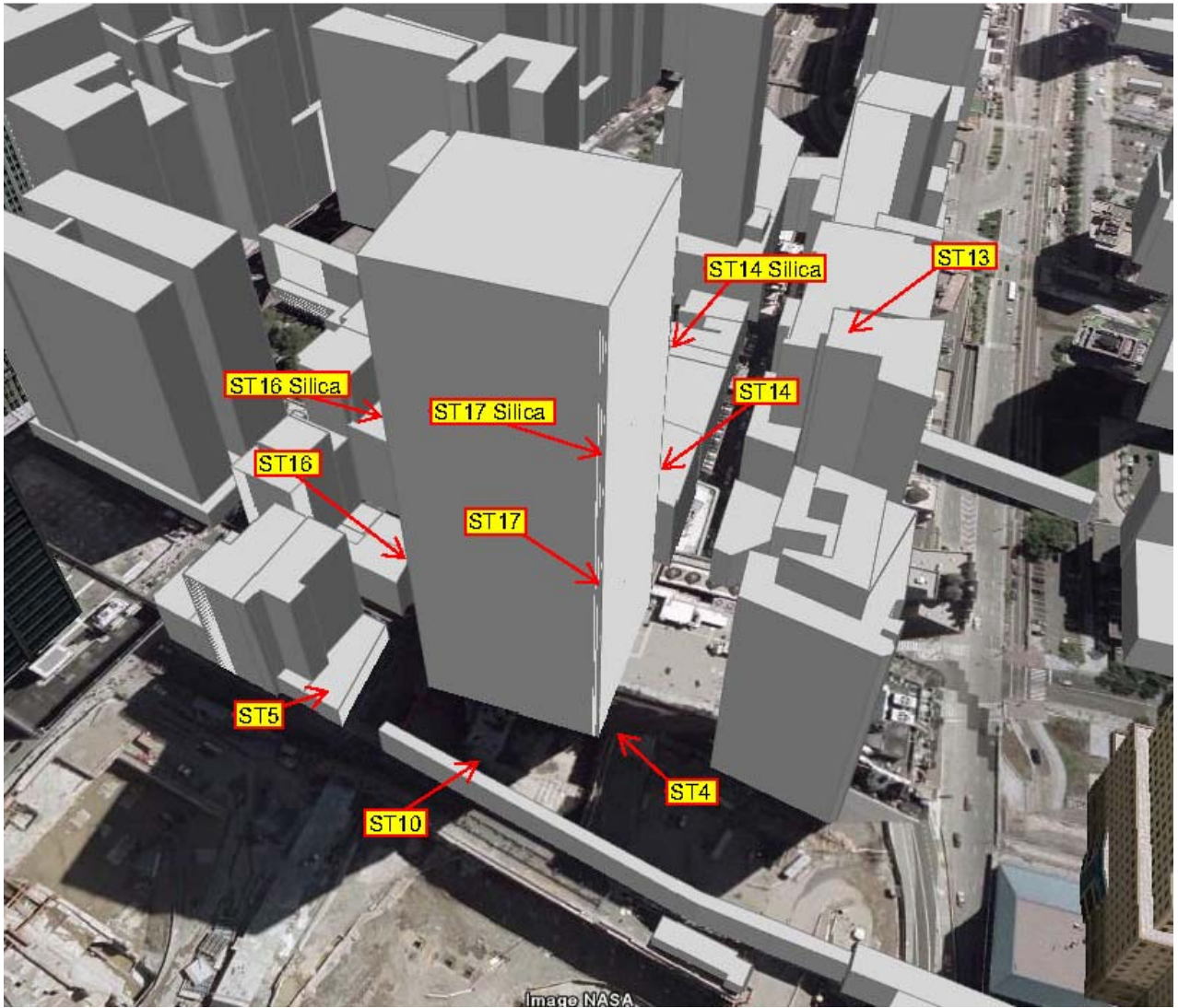
**FIGURE
7-3**

DRAWN: MAN

SCALE: AS SHOWN

CHECKED: GH

Date 6/26/07



3-Dimensional View of Air Monitoring Stations from The North



Wannalancit Mills
650 Suffolk Street
Lowell, Ma. 01854
(978) 970-5600

DRAWN: MAN
CHECKED: GH

SCALE: AS SHOWN
Date 6/26/07

**FIGURE
7-4**

Table 14-1. Sample Numbering Scheme
Updated: June 2007 (QAPP Amendment #7)

Sample Locations	Numbering Scheme
Station 1	parameter – ST 1 - mmddyy
Station 2	parameter – ST 2 - mmddyy
Station 3 (*)	parameter – ST 3 - mmddyy
Station 4	parameter – ST 4 - mmddyy
Station 5	parameter – ST 5 - mmddyy
Station 6 (+)	parameter – ST 6 - mmddyy
Station 7 (+)	parameter – ST 7 - mmddyy
Station 8 (+)	parameter – ST 8 - mmddyy
Station 9 (+)	parameter – ST 9 - mmddyy
Station 10	parameter – ST 10 - mmddyy
Station 11	parameter – ST 11 - mmddyy
Station 12	parameter – ST 12 - mmddyy
Station 13	parameter – ST 13 - mmddyy
Station 14	parameter – ST 14 - mmddyy
Station 15	parameter – ST 15 - mmddyy
Station 16	parameter – ST 16 - mmddyy
Station 17	parameter – ST 17 - mmddyy
Field/Trip Blanks	parameter – FBB - mmddyy
Field Duplicates	Append “0” to original sample ID
Cooler Temperature Blank	“Cooler Temperature Blank”
Example Sample Location ID: PAH-ST1-082205	
Example Field Duplicate Pair ID: PAH-ST10-082205/PAH-ST100-082205	
(*) – In use from 9/14/05 through 9/16/05	
(+) – In use from 9/14/05 through 9/28/05 and 7/6/06 through 9/21/06	

Denly, Elizabeth (Lowell,MA-US)

From: Keveney.Emmet@epamail.epa.gov
Sent: Wednesday, July 18, 2007 4:19 PM
To: Denly, Elizabeth (Lowell,MA-US)
Cc: Kolenberg.Beverly@epamail.epa.gov; Porembski, Brian (Lowell,MA-US); carlistienl@dep.nyc.gov; christopher.alonge@labor.state.ny.us; Gerdt, Edward (NYC,NY-US); Hunt, Gary (Lowell,MA-US); Guido, Jennifer (NYC,NY-US); Kaznosky, James (NYC,NY-US); Fradkin.Kenneth@epamail.epa.gov; krishr@dep.nyc.gov; Maddaloni.Mark@epamail.epa.gov; maxl@buildings.nyc.gov; mendelson.richard@dol.gov; mgilsenan@dep.nyc.gov; Gollands, Mark (Lowell,MA-US); Lihzis, Melita (Lowell,MA-US); Evangelista.Pat@epamail.epa.gov; richardr@buildings.nyc.gov; Fitzpatrick.Robert@epamail.epa.gov; roberti@buildings.nyc.gov; sjcarlom@gw.dec.state.ny.us; tkunkel@lmccc.nyc.gov; Dimas.Melissa@epamail.epa.gov
Subject: 130 Liberty Street: AMP Amendment #6 and QAPP Amendment #7 - Station Locations for Air Monitoring Program
Attachments: AMP Amendment #6.pdf; QAPP Amendment #7.pdf; FIGURE 6-1.ppt



AMP Amendment
#6.pdf (1 MB)



QAPP Amendment
#7.pdf (1 MB)



FIGURE 6-1.ppt
(136 KB)

This is to inform you that the U.S. Environmental Protection Agency (EPA) has completed its review of the July 5, 2007 Amendment No. 6 to Section 2 - Ambient Air Monitoring Plan and the July 5, 2007 Amendment No. 7 to the Quality Assurance Project Plan (QAPP) of the 130 Liberty Street Deconstruction Plan and the July 6, 2007 revised Figure 6-1 to QAPP Amendment No. 7. EPA accepts the July 5, 2007 Amendment No. 6 to Section 2 - Ambient Air Monitoring Plan. EPA also accepts the July 5, 2007 Amendment No. 7 to the QAPP and the July 6, 2007 revised Figure 6-1 which supersedes Figure 6-1 specified in the July 5, 2007 QAPP Amendment No. 7 submitted electronically in a pdf format.

EPA and the other regulatory agencies will monitor the deconstruction work as it progresses, and we will continue our ongoing consultation with you throughout the execution of the project. Please post the amendment onto the LMDC web site based on the acceptance of these amendments electronically. Thank you.

(See attached file: AMP Amendment #6.pdf)(See attached file: QAPP Amendment #7.pdf)(See attached file: FIGURE 6-1.ppt)