

Fax:

Oct 24 2001 07:45 P.01

TO: Commissioner Miele 718-595-3525 ✓  
 CC: First Deputy Commissioner Chapin 718-595-3557 ✓  
 Deputy Commissioner Avaltroni 718-595-4544  
 Deputy Commissioner Greeley 718-595-5342  
 Deputy Commissioner Lopez 718-595-6950  
 Deputy Commissioner Principe 914-741-0348  
 FROM: Paul Bennett - 917-769-1282 PB  
 RE: WTC Daily Report for 10/23/01  
 DATE: Oct. 23, 2001 via FAX

**Summary of outstanding activities for 10/23/01.**

**Church Street to be paved starting Wednesday night.**

In preparations for this Sunday's memorial service, Church Street between Vesey and Liberty Streets will be "paved" beginning Wednesday night. All vehicles, equipment and structures must be removed from this area by 6 PM.

**Memorial Service**

Memorial service to be held this Sunday at ground zero (Church Street). 10,000 people expected.

All work on site, except for dust suppression, to be halted from this Saturday at 7:00 PM to Sunday 7:00 PM to allow for the set-up and breakdown of the seating and platform to be used.

**Safety alert – Ammunition explodes**

Law enforcement has advised that there are about 1.7 million rounds of ammunition in the WTC collapse site. Today, a worker was injured when the shell casing of an exploding round hit his face.

**FDNY HazMat has offered to speak to DEP Upstate HazMat regarding response to suspicious package protocol.**

*Mike: Please let me know if you want to take FDNY up on their offer?*

**Health and Safety meeting**

**Dust Control**

Update: Dust suppression contractor, Angle Aerial, to expand operations significantly over the next few days.

*Dust control continues to be problematic despite my efforts in speaking to contractor foremen on site, discussions at the 9:00 AM DDC/Contractor meeting and the 6:00 PM Health and Safety Meeting. I've begun to document dust suppression activities in support of my comments made at the meetings.*

**Documents attached:** Respiratory Protection Zone, EPA sample results, Fire Prevention Bulletin #3 -- Procedures for damaged compressed gas cylinders, New restricted Area.

**Manpower hours for EMRP on 10/23/01:**

|               |             |                     |        |
|---------------|-------------|---------------------|--------|
| Paul Bennett  | Pier 92     | 1:00 PM – 10:00 PM  | 9 hrs  |
| Frank Vazquez | Command Bus | 12:00 PM – 12:00 AM | 12 hrs |
| Robert Kepich | Command Bus | off                 |        |
| Joe Scafidi   | Command Bus | 12:00 AM – 12:00 PM | 12 hrs |

-end-

Fax:

Oct 24 2001 07:46

P.02

## U.S. Department of Labor

Occupational Safety and Health Administration  
201 Varick Street Room 670  
New York, New York 10014  
Tel: (212) 337-2378  
Fax: (212) 337-2371  
OSHA Website Address: <http://www.osha.gov>



October 23, 2001

Kelly R. McKinney, P.E.  
Associate Commissioner  
Bureau of Regulatory and Environmental Health Services  
NYC Department of Health  
OEM Operations Center, Pier 92  
New York, NY 10019

Dear Commissioner McKinney:

OSHA recommends that the required Respiratory Protection Zone (RPZ) be delineated as follows:

1. Working in, on, or over the rubble pile and
2. During the following task specific operations (cutting steel & loading/unloading trucks with dry debris) anywhere in the control zone and at the marina loading areas.

Note: This is more protective in some aspects, as our recommendation would cover task specific work in the Winter Garden, Amex, & other buildings on the West side which are currently outside the Green Line & the new Restricted Area.

OSHA worker personal sampling data (over 1000 samples) in, on, over & around the rubble pile & for task specific operations supports this change in usage requirement. In addition, we feel it is inadvisable to require usage where the risk is not established as respirators can interfere with communication, reduce visibility, & create a cardio-pulmonary burden.

We continue to support required use in the RPZ & for the task specific operations of a half-mask facepiece with triple combo cartridges (P100/acid gas/organic vapor).

Sincerely,

A handwritten signature in cursive script, appearing to read "Patricia K. Clark".

Patricia K. Clark  
Regional Administrator

U.S. Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))  
Air / Bulk / Wipe/ Water Sampling Situation Report  
Saturday, October 20, 2001 (10:00 AM)

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Oct 16, 0001 to 1200 hrs)
  - Resubmittal of results from October 17/18 Sampling Situation Report with additional data for one station (Locations M1) previously not reported.
  - Additional 1 sample analyzed was below the TEM AHERA standard.
- NYC / ER (Oct 17, 0001 to 1200 hrs)
  - All 19 samples were below the TEM AHERA standard.
  - No sample from Location T due to the Pier 6 Heliport sampling station having to be moved as per the Port Authority's request.
- NYC / ER (Oct 17, 1200 to 2400 hrs)
  - All 19 samples were below the TEM AHERA standard.
  - No sample from Location T due to the Pier 6 Heliport sampling station having to be moved as per the Port Authority's request.
- NYC / ER (Oct 18, 0001 to 1200 hrs)
  - All 17 samples were below the TEM AHERA standard.
  - No sample from Locations T, U, and V due to the Pier 6 Heliport sampling stations having to be moved as per the Port Authority's request.
- NJ (Oct 16)
  - All 4 samples analyzed were below the TEM AHERA standard.
- NJ (Oct 17-18)
  - All 4 samples analyzed were below the TEM AHERA standard.

Landfill Ambient Air Sampling Locations

- Fresh Kills (Oct 16, 1900 - Oct 17, 0700 hrs) - Asbestos
  - All 19 samples analyzed were below the TEM AHERA standard.
  - 2 monitoring locations added in the "mess" and "staging" tents: T Location #15 and T Location #16.
- Fresh Kills (Oct 17, 0700 - 1900 hrs) - Asbestos
  - 2 of 19 samples analyzed exceeded the TEM AHERA standard.
  - Exceedances occurred at Sift Location #9C (97.78 S/mm<sup>2</sup>) and Barge Location #14 (80 S/mm<sup>2</sup>).

• Fresh Kills (Oct 17, 1830 - Oct 18, 0630 hrs) - Asbestos

- 3 of 19 samples exceeded the TEM AHERA standard.
- Exceedances occurred at Sift Location #9B ( $96.24 \text{ S/mm}^2$ ), indoor Wash Location #11 ( $96.24 \text{ S/mm}^2$ ) and indoor Wash Location #12 ( $96.24 \text{ S/mm}^2$ ).

Ambient Air Sampling Locations

• NYC / ER (Oct 15) - Metals

- Ten samples collected.
- All metals were either not detected or were below applicable EPA Removal Action level guidelines, OSHA PELs, and the NAAQS for lead.
- **Note:** QA/QC review of chromium in air analytical data has revealed that chromium is not present in these samples.

• NYC / ER (Oct 18) - Particulate Monitoring ( $\text{PM}_{2.5}$ )

- Pace University (Site 1) - 24-hr average concentration for this period was  $15.29 \text{ ug/m}^3$ .
- Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was  $10.00 \text{ ug/m}^3$ .
- Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was  $7.50 \text{ ug/m}^3$ .
- All readings below the National Ambient Air Quality Standard for  $\text{PM}_{2.5}$  ( $65 \text{ ug/m}^3$ ).

• NYC / ER (Oct 9) - Particulate Monitoring ( $\text{PM}_{10}$ )

- Pace University (Site 1) - 24-hr average concentration for this period was  $50.3 \text{ ug/m}^3$ .
- Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was  $40.3 \text{ ug/m}^3$ .
- Coast Guard Building - Battery Park (Site 3) - 24-hour average concentration for this period was  $29.2 \text{ ug/m}^3$ .
- Canal Street Post Office (Site 4) - 24-hour average concentration for this period was  $37.5 \text{ ug/m}^3$ .
- P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentration for this period was  $22.8 \text{ ug/m}^3$ .
- All readings below the National Ambient Air Quality Standard for  $\text{PM}_{10}$  ( $150 \text{ ug/m}^3$ ).

• NYC / ER (Oct 10) - Particulate Monitoring ( $\text{PM}_{10}$ )

- Pace University (Site 1) - 24-hr average concentration for this period was  $60.9 \text{ ug/m}^3$ .
- Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was  $54.3 \text{ ug/m}^3$ .
- Coast Guard Building - Battery Park (Site 3) - 24-hour average concentration for this period was  $34.2 \text{ ug/m}^3$ .
- Canal Street Post Office (Site 4) - 24-hour average concentration for this period was  $45.6 \text{ ug/m}^3$ .
- P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentration for this period was  $26.8 \text{ ug/m}^3$ .
- All readings below the National Ambient Air Quality Standard for  $\text{PM}_{10}$  ( $150 \text{ ug/m}^3$ ).

- NYC / ER (Oct 11) - Particulate Monitoring (PM<sub>10</sub>)
  - Pace University (Site 1) - 24-hr average concentration for this period was 55.0 ug/m<sup>3</sup>.
  - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was 47.1 ug/m<sup>3</sup>.
  - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentration for this period was 33.6 ug/m<sup>3</sup>.
  - Canal Street Post Office (Site 4) - 24-hour average concentration for this period was 50.4 ug/m<sup>3</sup>.
  - P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentration for this period was 26.0 ug/m<sup>3</sup>.
  - All readings below the National Ambient Air Quality Standard for PM<sub>10</sub> (150 ug/m<sup>3</sup>).
- NYC / ER (Oct 12) - Particulate Monitoring (PM<sub>10</sub>)
  - Pace University (Site 1) - 24-hr average concentration for this period was 54.5 ug/m<sup>3</sup>.
  - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was 48.0 ug/m<sup>3</sup>.
  - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentration for this period was 43.6 ug/m<sup>3</sup>.
  - Canal Street Post Office (Site 4) - 24-hour average concentration for this period was 54.7 ug/m<sup>3</sup>.
  - P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentration for this period was 30.7 ug/m<sup>3</sup>.
  - All readings below the National Ambient Air Quality Standard for PM<sub>10</sub> (150 ug/m<sup>3</sup>).
- NYC / ER (Oct 13) - Particulate Monitoring (PM<sub>10</sub>)
  - Pace University (Site 1) - 24-hr average concentration for this period was 53.7 ug/m<sup>3</sup>.
  - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was 45.5 ug/m<sup>3</sup>.
  - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentration for this period was 43.8 ug/m<sup>3</sup>.
  - Canal Street Post Office (Site 4) - 24-hour average concentration for this period was 46.5 ug/m<sup>3</sup>.
  - P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentration for this period was 36.4 ug/m<sup>3</sup>.
  - All readings below the National Ambient Air Quality Standard for PM<sub>10</sub> (150 ug/m<sup>3</sup>).
- NYC / ER (Oct 14) - Particulate Monitoring (PM<sub>10</sub>)
  - Pace University (Site 1) - 24-hr average concentration for this period was 23.6 ug/m<sup>3</sup>.
  - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was 26.6 ug/m<sup>3</sup>.
  - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentration for this period was 25.5 ug/m<sup>3</sup>.
  - Canal Street Post Office (Site 4) - 24-hour average concentration for this period was 25.1 ug/m<sup>3</sup>.
  - P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentration for this period was 24.3 ug/m<sup>3</sup>.
  - All readings below the National Ambient Air Quality Standard for PM<sub>10</sub> (150 ug/m<sup>3</sup>).

- NYC / ER (Oct 15) - Particulate Monitoring (PM<sub>10</sub>)

- Pace University (Site 1) - 24-hr average concentration for this period was  $64.0 \text{ ug/m}^3$ .
- Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was  $24.8 \text{ ug/m}^3$ .
- Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was  $24.0 \text{ ug/m}^3$ .
- P.S. 274 - 800 Bushwick Avenue, Brooklyn (Site 7) - 24-hour average concentrations for this period was  $21.9 \text{ ug/m}^3$ .
- All readings below the National Ambient Air Quality Standard for PM<sub>10</sub> ( $150 \text{ ug/m}^3$ ).



**FIRE DEPARTMENT**  
 100 DUANE STREET NEW YORK, NY 10007  
 TEL. 646.613.7293  
 FAX 646.613.1649  
**WTC COMMAND**

**FIRE PREVENTION BULLETIN # 3**

**Date:** October 19, 2001

**Subject:** Procedures for damaged compressed gas cylinders

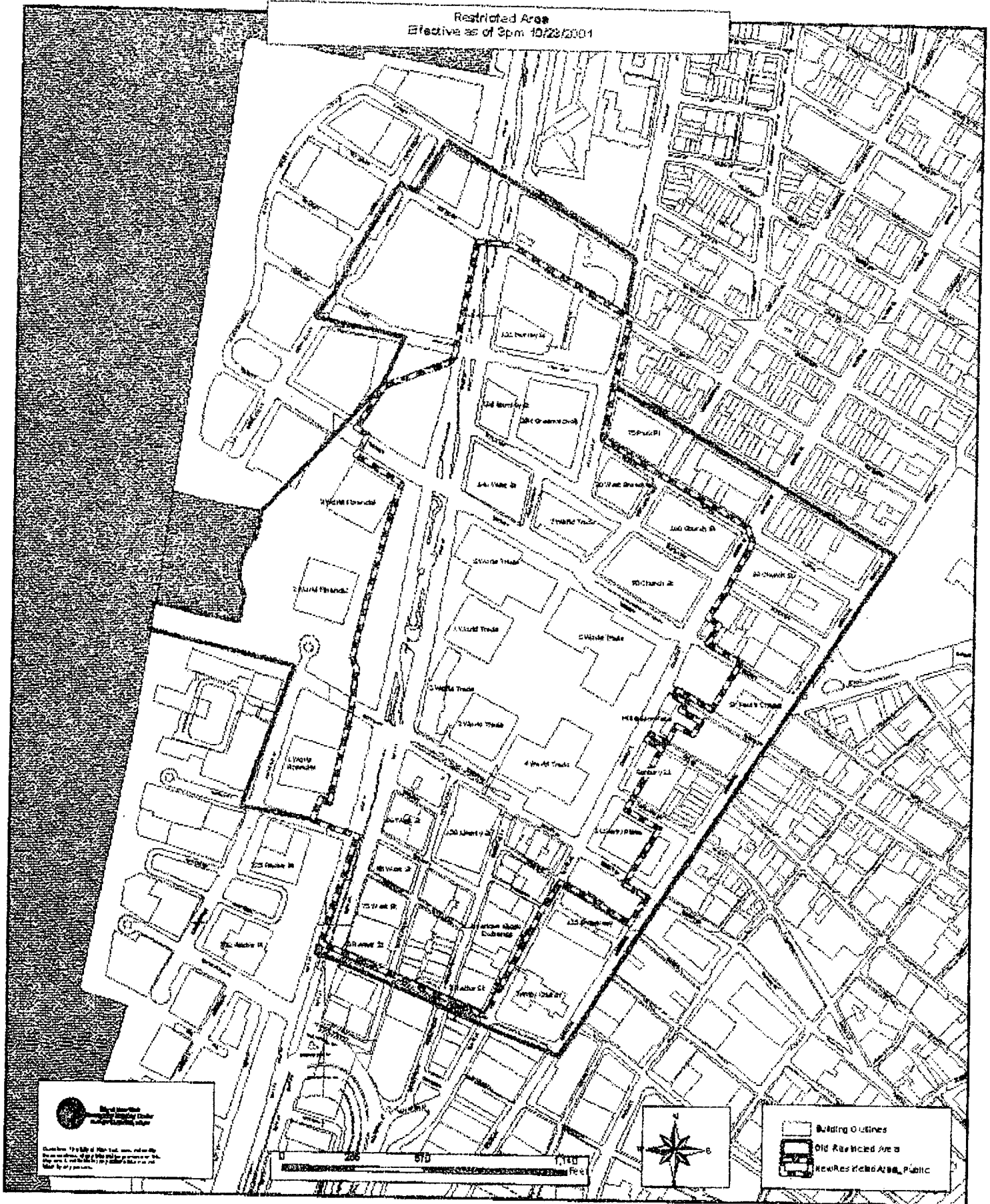
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**DAMAGED CYLINDER PROCEDURE**

The following procedure shall be followed when finding any cylinder either damaged or improperly stored.

1. Between the hours of 7:00 a.m. and 7:00 p.m. contact Deputy Chief Inspector Stephen Addeo at (917) 468-2760.
2. After hours contact EPA hot line at 1-203-627-9332.
3. If the valve is damaged or missing do not move tank. Notify Sector Chief. Sector Chief will notify Operations Command Post who will then contact Haz-Mat Operations for further instructions.
4. A special cage for damaged cylinders is located near East Sector Command Post. This is the only approved location for damaged cylinders.

Restricted Area  
Effective as of 5pm 10/23/2001



Old restricted Area still appears to be in effect as of 5pm Tuesday.  
New Fence is made From chain-link Fence w/fabric covering.