

Fax:

Sep 16 1999 04:57 P.01

TO: Commissioner Miele
 CC: First Deputy Commissioner Chapin
 Deputy Commissioner Avaltroni
 Deputy Commissioner Greeley
 FROM: Paul Bennett
 RE: Daily Report for 9/24/01
 DATE: Sept 24, 2001

via FAX

6:00 PM Interagency Health and Safety Meeting

Kelly McKinney - NYCDOH Chairing Meeting

- Initial discussions mentioned the "Green-line Map" also known as the *Safety Area Where Gear is Needed at All times Or Within 50 Feet of the Rubble Pile map*. (A copy of this map is attached. Text is enlarged for faxing. A test description of the area is also included.) This map indicates the safety area and details the minimum safety equipment required to enter the area.

I was told that this map was presented at yesterday's meeting and is currently in effect. I'm told that a fence will be erected around the perimeter of this area and a green line might be painted on the ground.

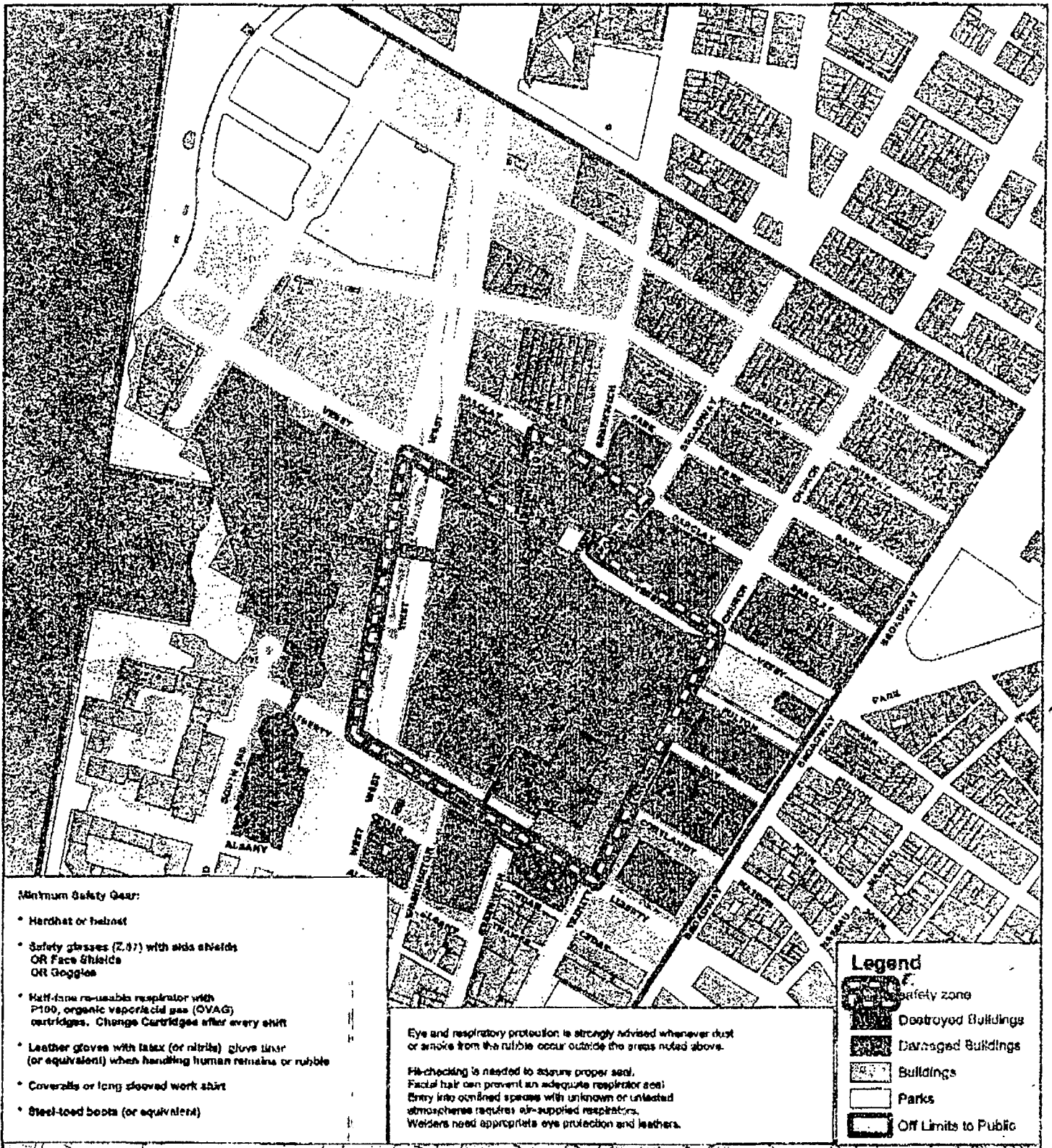
- Access locations:

Location	Truck access	Pedestrian access
West & Chambers	yes	yes
Church & Chambers	yes	yes
Warren & Broadway	yes	no
Trinity & Rector	yes	no
West St & Rector	yes	yes

- Pedestrians can enter Battery Park City (BPC) area with ID. No connection from northern BPC to southern BPC.
- Credentialing: As per OEM, as of 1700 hrs on Wednesday, the red tags will expire. Agency reps will be issued new IDs, in bulk, for essential employees. Other agencies will be granted access by using city ID and a driver's license. I've expressed my desire to have DEP on this exempt list.
- It was suggested that a viewing area be erected at the South-west end of the site (Liberty & West St.), to afford VIPs a better overview of the current state of affairs.
- Federal OSHA is now providing respirator fit testing at four locations.
- DEC/EPA reported finding high levels of CO in the area where torch operators are working.
- Bio-monitoring of selected individuals to begin on Tuesday.
- A Hydrogen sulfide of 50 ppm was measured in a manhole i/f/o the Verizon building. It was stressed that confined space entry practices be strictly employed.

NYCDOH
9/24/01

SAFETY AREA WHERE GEAR IS NEEDED AT ALL TIMES OR WITHIN 50 FEET OF THE RUBBLE PILE

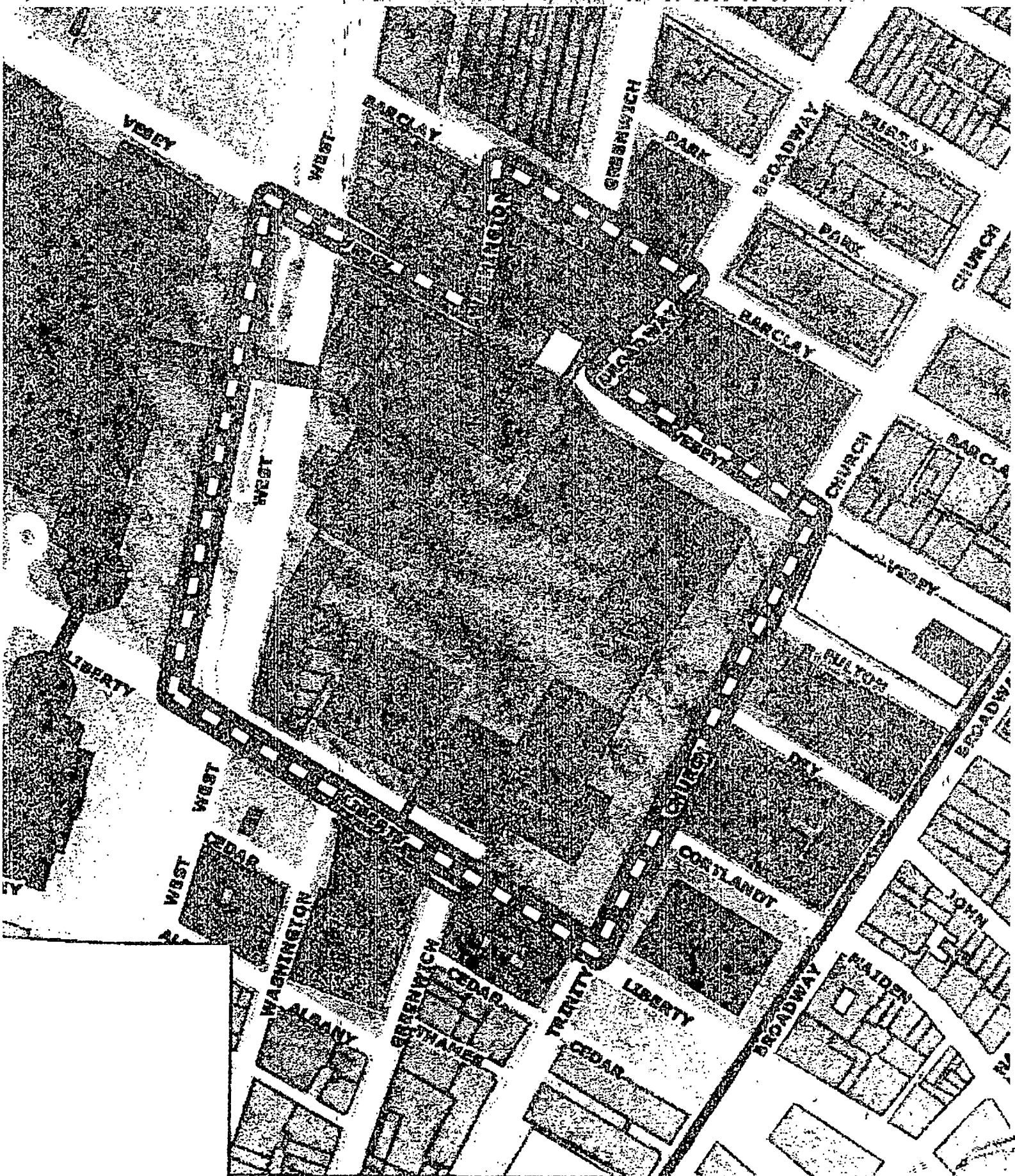


Disclaimer: The City of New York does not certify the accuracy of any information provided on this web site. It is the user's responsibility to verify the information on any source.

0 190 380 760 1,140 1,520 Feet

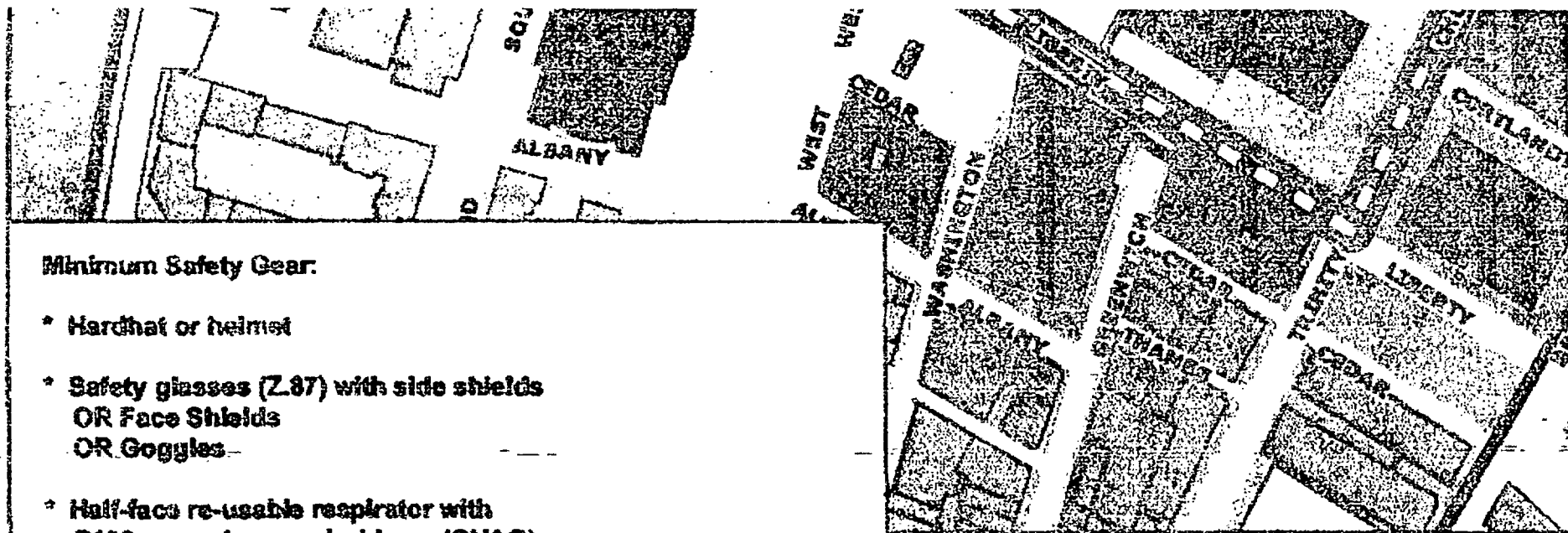


City of New York
Emergency Mapping Unit
Updated 9/11/01



shift
liner
ins or rubble

Eye and respiratory protection is strongly advised whenever dust or smoke from the rubble occur outside the areas noted above.



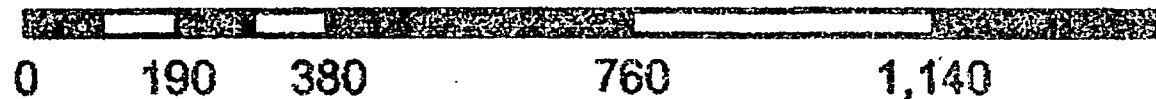
Minimum Safety Gear:

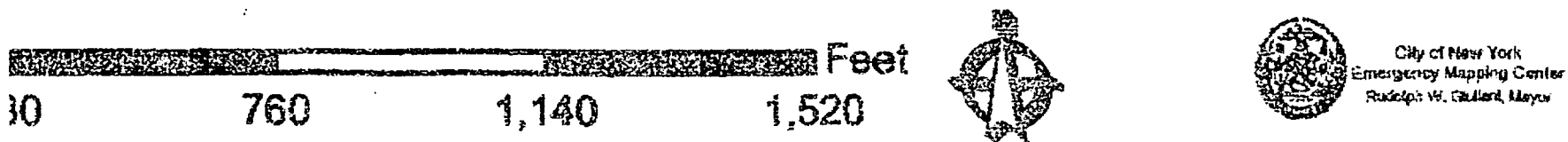
- * Hardhat or helmet
- * Safety glasses (Z.87) with side shields
OR Face Shields
OR Goggles
- * Half-face re-usable respirator with
P100, organic vapor/acid gas (OVAG)
cartridges. Change Cartridges after every shift
- * Leather gloves with latex (or nitrile) glove liner
(or equivalent) when handling human remains or rubble
- * Coveralls or long sleeved work shirt
- * Steel-toed boots (or equivalent)

Eye and respiratory protection is strongly advised whenever smoke from the rubble occur outside the areas noted.

Fit-checking is needed to assure proper seal.
Facial hair can prevent an adequate respirator seal
Entry into confined spaces with unknown or untested atmospheres requires air-supplied respirators.
Welders need appropriate eye protection and leathers.

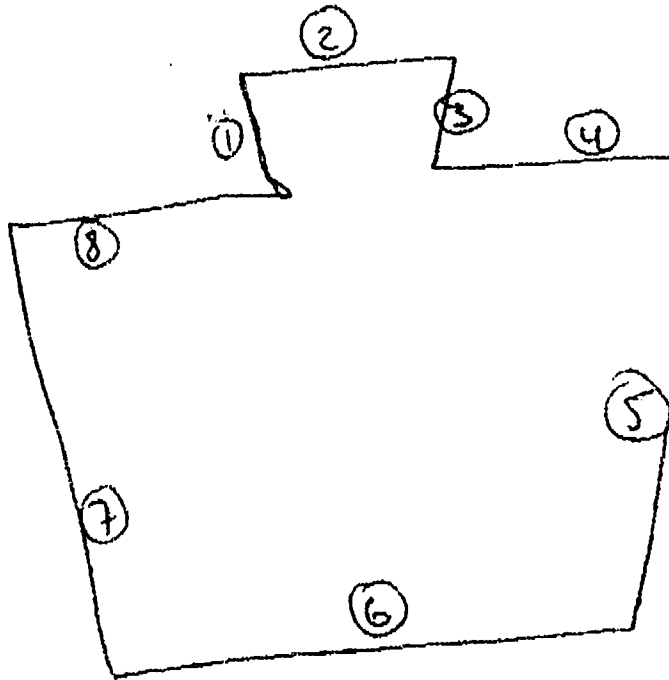
Disclaimer: The City of New York does not certify the correctness of any information provided on this map and is not liable for any actions taken or not taken by any persons.



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NYCDOH
Safety Area

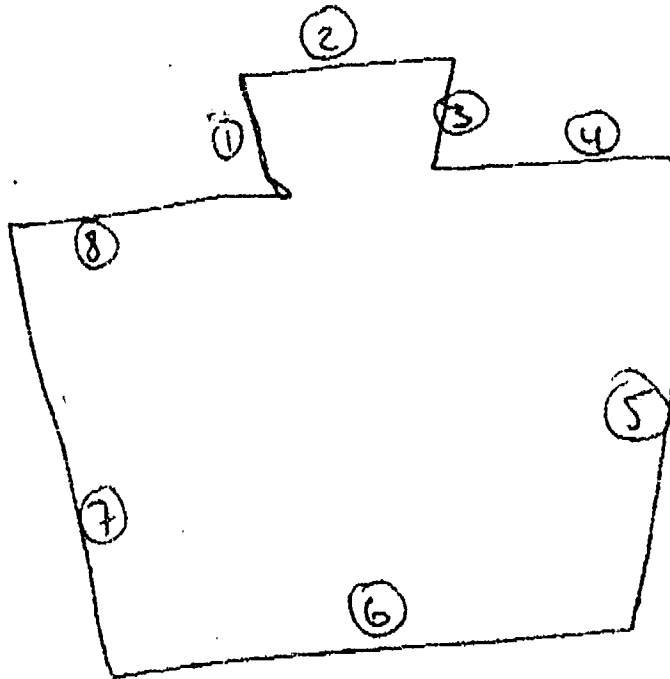
9/24/01



1. West curbline of Washington St from Vesey to Barclay
2. North curbline of Barclay from Washington to West Broadway
3. East curbline of West Broadway from Barclay to Vesey
4. North curbline of Vesey from West Broadway to Church
5. Midline of Church St from Vesey to Liberty
6. South curbline of Liberty from Church to West St
7. West curbline northbound lanes of West St from Liberty to Vesey
8. North curbline of Vesey from West St to Washington

NYCDOH
Safety Area

9/24/01



1. West curbline of Washington St from Vesey to Barclay
2. North curbline of Barclay from Washington to West Broadway
3. East curbline of West Broadway from Barclay to Vesey
4. North curbline of Vesey from West Broadway to Church
5. Midline of Church St from Vesey to Liberty
6. South curbline of Liberty from Church to West St
7. West curbline northbound lanes of West St from Liberty to Vesey
8. North curbline of Vesey from West St to Washington

Fax:

Sep 16 1999 05:05

P.08

GroupWise WebAccess Message Item

Page 1 of 1

Mail Message**Novell.**

Close Next Delete From This Mailbox Delete From All Mailboxes Forward Reply to Sender Reply All Move Delete Properties

From: Field Response people NYCFIELD
To: Red Alert
Date: Saturday - September 22, 2001 11:09 PM
Subject: State DOH Water Test Results

The results from the NYSDOH water samples taken at stairwell J-3 at the 5th level of the WTC were delivered to the NYSDEC desk at OEM at approximately 2100 hours by Mr. Patrick Trapp of NYSDOH. The pH level is 9.5 and shows some conductivity which is due to the plaster, sheetrock and cement dust in the area. As per earlier assessments the large refrigeration tanks are intact and show no sign of their integrity being compromised. Standard precautionary procedures for confined space entry should continue to be followed. There is a small trace of chlorine which is probably due to public water in the area. These results will be distributed at the Health and Safety Meeting on 09/23/01 at 1800 hours at OEM Command Center.

Fax:

Sep 16 1999 05:06

P.09

SEP-22-2001 22:23

NYS Warming Point

512 457-9932 P.02/24

SEP-22-01 SAT 18:04

DOH-WADSWORTH ORGANIC LAB

FAX NO: 4154141

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12231

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RESULTS OF EXAMINATION

PARTIAL REPORT

SAMPLE ID: 200181073 SAMPLE RECEIVED: 09/22/2001 CHARGE: 71.25
PROGRAM: 1061 BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 7093
POLITICAL SUBDIVISION: NEW YORK CITY COUNTY: NEW YORK CITY
LATITUDE: LONGITUDE: E DIRECTION:
LOCATION: WTC BLDG6
DESCRIPTION: BASEMENT 2-5, STAIRWELL C-1
REPORTING LAB: DEED: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: 3022W-KF: VOLATILE ORGANICS, KETONES & PETROLEUM PRODUCTS BY P&T
SAMPLE TYPE: 999: OTHER/MISCELLANEOUS/UNCATEGORIZED
TEMPERATURE OF SAMPLE AT RECEIPT WAS 6.3 DEG C (COOLING)
TIME OF SAMPLING: 09/21/2001 LAST ACTION: 09/22/2001

<> THE PURGE AND TRAP GC-FID CHROMATOGRAPHIC TRACING OF THIS SAMPLE SHOWS <>
<> THE PRESENCE OF PETROLEUM HYDROCARBON CONTAMINATION. MOST OF THE PEAKS <>
<> DETECTED ELUTE IN THE RETENTION TIME RANGE OF GASOLINE. USING GASOLINE <>
<> AS A STANDARD THE CONCENTRATION OF PETROLEUM HYDROCARBON CONTAMINATION <>
<> IS ESTIMATED AT 2300. MICROGRAMS PER LITER. <>

ANALYSIS: 3022W VOLATILE ORGANICS IN WATER-EPA 302.2 (DES 310-33)
BATCH ID: 5022W0109281437 DEFAULT MULTIPLIER: 1.0
DATE COMPLETED: 09/22/2001 PENDING APPROVAL
AAM-AN DATE OF ANALYSIS CM 09/22/2001

PARAMETER	RESULT
T70209 DICHLORO-DIFLUOROMETHANE (FREON-12)	INTERF
T62009 CHLOROMETHANE	INTERF
T41009 VINYL CHLORIDE	INTERF
T51909 BROMOMETHANE	INTERF
T61309 CHLOROMETHANE	INTERF
T61709 TRICHLOROFLUOROMETHANE (FREON-11)	INTERF
T50909 1,1-DICHLOROETHENE	< 5. MCG/L
T21909 METHYLENE CHLORIDE (DICHLOROMETHANE)	INTERF
T18509 METHYL-tert-BUTYL ETHER (MTBE)	130. MCG/L (MS)
T61209 TRANS-1,2-DICHLOROETHENE	< 5. MCG/L
T51909 1,1-DICHLOROETHANE	< 5. MCG/L
T18209 2,2-DICHLOROETHANE	< 5. MCG/L
T87609 CIS-1,2-DICHLOROETHENE	< 5. MCG/L
T39209 CHLOROFORM	< 5. MCG/L
T17209 BROMOCHLOROMETHANE	< 5. MCG/L

**** CONTINUED ON NEXT PAGE ****

NY5 ELAP ID: 10762 (INORGANIC, NUCLEAR) 10763 (ORGANIC) 10769 (MICROBIOLOGY)
NY5 ELAP ID 10762, LAB DIR DR L. KUBAIN, CONTACT DR H. VHWALA 512-474-0516
NY5 ELAP ID 10763, LAB DIR DR E. ALDOUS, CONTACT MGR R. PAUSE 512-473-0323
<> THESE TEST RESULTS MEET THE REQUIREMENTS OF NELAP, <>
<> EXCEPT WHERE NELAP ACCREDITATION IS NOT AVAILABLE. <>
COPIES SENT TO: CO(), RO(), LPH(), FED(), INFO-P(), INFO-L()

SUBMITTED BY: KNUDSEN

Fax:

Sep 16 1999 05:06 P.10

SEP-22-2001 20:24
047766701 301 10:00

NYS Warming Point

518 457 9930 P.04/04

0023

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12201

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RESULTS OF EXAMINATION

PARTIAL REPORT

SAMPLE ID: 200101073 SAMPLE RECEIVED: 09/22/2001 CHARGE: 21.25
 POLITICAL SUBDIVISION: NEW YORK CITY COUNTY: NEW YORK CITY
 LOCATION: WTC BLDG4
 TIME OF SAMPLING: 09/21/2001 LAST ACTION: 09/22/2001

ANALYSIS: KET-FUEL KETONES & PETROLEUM PRODUCTS PURGE & TRAP METHOD
 BATCH ID: KET-FUEL0109223765 DEFAULT MULTIPLIER: 1.0
 DATE COMPLETED: 09/22/2001 PENDING APPROVAL
 KEY-AN DATE OF ANALYSIS CM 09/22/2001

PARAMETER	RESULT
T11003 2-BUTANONE (MEK)	220. MCG/L (MS)
T70609 4-METHYL-2-PENTANONE (MINE)	21. MCG/L (MS)
T42009 ACETONE	920. MCG/L (MS)
T75109 PETROLEUM HYDROCARBONS - SEE TENT SEE TENT	

**** 09/22/2001 **** ADDITIONAL PARAMETERS ****

ANALYSIS: PCBW PCB'S IN WATER (DES 310-2)
 BATCH ID: PCBW0109227198 DEFAULT MULTIPLIER: 1.0
 DATE COMPLETED: 09/22/2001 PENDING APPROVAL
 PCBWEX EXTRACTION DATE CM 09/22/2001
 PCB-AN DATE OF ANALYSIS CM 09/22/2001

PARAMETER	RESULT
T13809 AROCLOR 1221	< 0.05 MCG/L
T13809 AROCLOR 1016/1242	< 0.05 MCG/L
T52209 AROCLOR 1248	< 0.05 MCG/L
T138109 AROCLOR 1254	< 0.05 MCG/L
T41609 AROCLOR 1260	< 0.05 MCG/L

ANALYSIS: SPECIAL SPECIAL ANALYSIS
 DATA INCOMPLETE

PARTIAL REPORT

PARAMETER	RESULT
T00101 SPECIAL ANALYSIS	(NE)
T30209 CHLORODIFLUOROMETHANE (Freon 22)	4900.00 MCG/L (MS)
CONDUCT CONDUCTIVITY	10,500. MCMHO/CM

**** END OF REPORT ****

Fax:

Sep 16 1999 05:07

P.11

SEP-22-2001 20:23
SEP-22-01 SAT 18:05

NYC Warnings Point
DON-WADSWORTH ORGANIC LA

FAX NO. 4754121

513 457 9932 P.03/04

0002

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12201

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RESULTS OF EXAMINATION

PARTIAL REPORT

SAMPLE ID: 200141073
POLITICAL SUBDIVISION: NEW YORK CITY
LOCATION: WTC BLDG
TIME OF SAMPLING: 09/21/2001

SAMPLE RECEIVED: 09/22/2001

CHARGE: 21.25

COUNTY: NEW YORK CITY

LAST ACTION: 09/22/2001

PARAMETER	RESULT
T23609 1,1,1-TRICHLOROETHANE	17. MCG/L
T18309 1,1-DICHLOROPROPENE	< 5. MCG/L
T36809 CARBON TETRACHLORIDE	< 5. MCG/L
T50809 1,2-DICHLOROETHANE	< 5. MCG/L
T34409 BENZENE	INTERF
T41109 TRICHLOROETHENE	20. MCG/L
T61309 1,2-DICHLOROPROPANE	< 5. MCG/L
T38909 BROMODICHLOROMETHANE	< 5. MCG/L
T98709 DIBROMOMETHANE	< 5. MCG/L
T61409 CIS-1,3-DICHLOROPROPENE	< 5. MCG/L
T39209 TOLUENE	100. MCG/L (MS)
T51509 TRANS-1,3-DICHLOROPROPENE	< 5. MCG/L
T51709 1,1,2-TRICHLOROETHANE	< 5. MCG/L
T11209 1,3-DICHLOROPROPANE	< 5. MCG/L
T41209 TETRACHLOROETHENE	< 5. MCG/L
T44909 DIBROMOCHLOROMETHANE	< 5. MCG/L
T60409 1,2-DIBROMOETHANE (EDB)	< 5. MCG/L
T40909 CHLOROBENZENE	< 5. MCG/L
T21009 1,1,1,2-TETRACHLOROETHANE	< 5. MCG/L
T51009 ETHYLENE	19. MCG/L (MS)
T51309 m/p-XYLENE	33. MCG/L (MS)
T51409 o-XYLENE	20. MCG/L (MS)
T43109 STYRENE	17. MCG/L (MS)
T83309 ISOPROPYLBENZENE (Cumene)	< 5. MCG/L
T42109 BROMOFORM	< 5. MCG/L
T51809 2,2,2,2-TETRACHLOROETHANE	< 5. MCG/L
T31009 1,2,3-TRICHLOROPROPANE	< 5. MCG/L
T51109 n-PROPYLBENZENE	< 5. MCG/L
T51209 BROMOBENZENE	< 5. MCG/L
T85809 1,3,5-TRIMETHYLBENZENE	5.4 MCG/L (MS)
T50409 o-CHLOROTOLUENE	< 5. MCG/L
T50609 p-CHLOROTOLUENE	< 5. MCG/L
T85509 isobutylbenzene	< 5. MCG/L
T28309 1,2,4-TRIMETHYLBENZENE	20. MCG/L (MS)
T96209 sec-BUTYLBENZENE	< 5. MCG/L
T36009 4-ISOPROPYLTOLUENE (p-Cymene)	< 5. MCG/L
T49709 1,3-DICHLOROBENZENE	< 5. MCG/L
T14209 1,4-DICHLOROBENZENE	< 5. MCG/L
T86309 n-BUTYLBENZENE	< 5. MCG/L
T44109 1,2-DICHLOROBENZENE	< 5. MCG/L
T38209 1,2-DIBROMO-3-CHLOROPROPANE	< 5. MCG/L
T44009 1,2,4-TRICHLOROBENZENE	< 5. MCG/L
T52309 HEXACHLOROBUTADIENE (C-46)	< 5. MCG/L
T63609 NAPHTHALENE	38. MCG/L (MS)
T43909 1,2,3-TRICHLOROBENZENE	< 5. MCG/L
T01900 2% OF VOLATILE ALIQUOT	(NR)
T02200 5% WAS NOT AS LOW AS REQUIRED BY METHOD	(NR)

**** CONTINUED ON NEXT PAGE ****