

**Emergency Action Plan
for
Deconstruction Operations
at
130 Liberty Street
New York, NY**

Lower Manhattan Development Corporation
One Liberty Plaza, 20th Floor
New York, NY 10006



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SECTION 1 INTRODUCTION

The 130 Liberty Street site is occupied by a 40 story, approximately 1.4 million square foot office building (Building). Interior and exterior portions of the Building were severely damaged and/or impacted as a result of the collapse of the World Trade Center Towers. The Lower Manhattan Development Corporation (LMDC) took ownership of the Building on August 31, 2004.

The deconstruction of the Building shall be performed in the following three (3) phases

- Preparation Phase
- Phase I – Asbestos and COPC Abatement and Removal
- Phase II – Structural Deconstruction

The Preparation Phase includes the erection of scaffolding and hoists on the full extent of the exterior of the building, erection of sidewalk sheds, and the removal of existing netting on the exterior of the building. Phase I is limited to non-structural, interior building deconstruction tasks. Phase I activities include the general cleanup of asbestos and contaminants of potential concern and removal of the interior non-structural components of the building. Removal of the structure is to be undertaken in Phase II. Complete details of the work are contained in the overall Deconstruction Plan for 130 Liberty Street.

SECTION 2 PURPOSE

This EAP is designed to lessen the impact of any emergency that might occur during the deconstruction process through proper planning and the establishment of a suitable response structure. The Plan designates the appropriate personnel responsible for implementing and monitoring the EAP and identifies those who need to be contacted in the event of an emergency. It outlines the education and training required by all on-site personnel so that all understand the requirements and expectations of the EAP.

This EAP will apply to all contractors working on the site (e.g. Contractor, Abatement Subcontractor, Environmental Consultant, Demolition Subcontractor, Mechanical Subcontractor, Electrical Subcontractor, etc.), their employees and any visitors to the site.

SECTION 3 LOCATION OF PLAN

A copy of this EAP will be provided to LMDC, all Contractor employees working at the Building, and all subcontractors working on the site. It will be available at all field offices, the Building Security Desk and at the entrance to the remote personnel decontamination unit located in cellar “A” as indicated in Section 4 (Asbestos and COPC Abatement and Removal Plan) of the Deconstruction Plan. It will also be provided to the

following city, state and federal governmental agencies: New York City Fire Department (FDNY), Police Department (NYPD), Office of Emergency Management (OEM), Department of Buildings (DOB), Health Department (DOH), Department of Environmental Protection (DEP), Department of Transportation (DOT), (collectively “the City Agencies”); New York State Department of Health (NYSDOH), New York State Department of Labor (DOL) and Department of Environmental Conservation (DEC); and the United States Environmental Protection Agency (EPA) and Occupational Health and Safety Administration (OSHA) (in total, the “Governmental Agencies”).

Any questions concerning this plan should be directed to Kate Millea, LMDC Project Manager, Community Development and Relations, 212-962-2300.

This EAP will be revised as necessary during the course of the project. All revisions will be marked by date and revision number and conveyed to all on-site personnel, the Governmental Agencies listed above and to LMDC for distribution as appropriate.

The EAP will also be accessible on the LMDC website, www.renewnyc.com.

SECTION 4 CONTRACTOR EMERGENCY COORDINATOR

The current interim Emergency Coordinator is listed in Attachment A. Attachment A will be updated and information provided as project staffing changes. The Contractor Emergency Coordinator holds a current New York City Site Safety Manager (NYCSSM) license and has extensive training and experience in the execution of similar work in New York City. The contact numbers are indicated in Attachment A. These are the primary Contractor emergency contact phone numbers, and both are 24-hour contact numbers. The Contractor Emergency Coordinator’s base of operations will be the Contractor’s field office (trailer).

In the event that the Contractor Emergency Coordinator is not on site, an alternate Contractor Emergency Coordinator will be designated and will be responsible for ensuring proper implementation of this EAP. The name and contact information of the alternate Contractor Emergency Coordinator will be provided to LMDC and all Subcontractor Emergency Coordinators.

The Contractor Emergency Coordinator has overall responsibility for this EAP and will ensure that all required activities of the EAP are met. In addition the Contractor Emergency Coordinator has the lead role in directing all responses to circumstances covered under this EAP. Further, the Contractor Emergency Coordinator will be the liaison to the First Responder agencies for pre-planning collaboration, regular contact throughout the work, notifications and for coordinating the Contractor’s support of any agency response to an emergency. Further details of the responsibilities of this role are outlined throughout this EAP.

SECTION 5 PRE -EMERGENCY RESPONSE ACTIVITIES

5.1 Pre-Planning

The following actions below will be implemented prior to the initiation of the deconstruction activities to minimize the potential for incident occurrence and to ensure proper preparation for emergency response if needed.

- Prior to the commencement of work activities, the Contractor Emergency Coordinator will meet with appropriate representatives from the City Agencies to:
 - present and discuss the EAP;
 - discuss any required collaborative preparation (practice drills, etc.); and
 - ensure they are informed regarding existing building conditions as well as the potential for the removal of contaminated victims.
- A complete set of Building drawings will be available within the Contractor field office (trailer) and LMDC's office located at 1 Liberty Plaza for use in an emergency situation. Copies of the drawings will also be provided to FDNY and DOB. As conditions change within the building that may impact egress patterns, updated information will be added to the building drawings and provided to FDNY and DOB. Note: The Contractor will ensure drawings indicate the location of all elevator operations and panels as well as all Fire Department connections.
- All Subcontractors will provide to the Contractor the names, contact information and any required training documentation for the individuals they propose to fulfill the roles of the subcontractor Emergency Coordinator (and substitutes).
- A schedule for regular emergency preparedness meetings will be established by the Contractor Emergency Coordinator. Attendance by all Subcontractor Emergency Coordinators is required. The LMDC and First Responder agencies shall be informed of the meeting schedule in advance so they have the opportunity to attend as desired.
- Emergency points of contact list will be posted within the Contractor's Field Office (see Appendix A), the Building Security Checkpoint Desk and at the entrance to the remote personnel decontamination unit.
- Site evacuation maps will be posted throughout the facility for emergency evacuation (see Appendix D). Exits will be clearly marked, and signs reflecting changing egress patterns as the works proceeds will be prominently posted.
- First aid kit(s) will be placed within the Contractor's field office and the Building Security Checkpoint Desk. An automated external defibrillator (AED) will be located within the Contractor field office.
- Rally points or meeting places have been established and are shown on the evacuation map (see Appendix C).

- The Contractor will ensure that all subcontractors that have an on-site field office trailer have placed at least one (1) fire extinguisher in each trailer.
- The Contractor will ensure fire extinguishers will be strategically positioned at designated locations within the Building as required by governing regulations. Note: the Contractor shall insure that all portable fire extinguishers shall be inspected periodically and maintained in accordance with Maintenance and Use of Portable Fire Extinguishers, NFPA No. 10A-1970.
- The Contractor will ensure that a system is in place to track site personnel and visitors to provide an accurate site head count at any moment in time.
- An audible evacuation signal compliant with the most stringent regulatory requirements will be established and tested daily with documentation of each test recorded within the project log by the Contractor Emergency Coordinator.
 - Two (2) long blasts of the site air horn will sound through a temporary radio communication system to be installed and maintained by the Demolition Subcontractor. To ensure the evacuation alarm is audible throughout the Building, a loudspeaker will be strategically positioned on each floor.
 - This audible evacuation signal will be tested daily by the Contractor Emergency Coordinator or his designee and the performance of this test documented in the project log.
 - The Contractor Emergency Coordinator will notify LMDC in advance of the drills so that appropriate community notification can be given consistent with the Community Notification Plan, attached as Appendix F.
 - At the conclusion of the test each day, all Subcontractor Emergency Coordinators will poll their personnel to ensure the alarm was audible in all locations and report back to the Contractor Emergency Coordinator.
 - Corrective measures, if necessary, will be implemented immediately.
- All communications systems will be tested prior to the commencement of any work activities.
- Steam and Gas are being disconnected and capped in the street. The remaining utilities will be cut and capped in the street as necessary, i.e., water, electric and sewer. The Contractor will coordinate access to the site for Con Edison.

5.2 Training

5.2.1 Contractor Emergency Coordinator

The Contractor's designated Emergency Coordinator shall hold a current NYCSSM license. The Contractor shall insure that its Emergency Coordinator or a designated representative has been trained in the OSHA Disaster Site Worker Outreach Program.

5.2.2 Subcontractor Emergency Coordinators

Prior to deconstruction activities, all subcontractors working on the site will identify an Emergency Coordinator and one alternate who will be responsible for the performance of emergency preparedness responsibilities as outlined herein, including coordinating the emergency evacuation of their personnel. In addition, the subcontractor emergency coordinator will be required to assist the Contractor Emergency Coordinator with the dissemination of information relating to an emergency.

All designated Subcontractor Emergency Coordinators shall have successfully completed the OSHA 30 hour course and must provide the Contractor with proof of this certification.

All subcontractors working on the site shall have a minimum of one (1) Red Cross Certified

First Aid trained individual on the site at all times. Training will include basic first aid, CPR, OSHA blood-borne pathogens, and use of an AED. A list of names with copies of their certifications must be provided to the Contractor at time of mobilization.

In addition, on a daily basis, each Subcontractor Emergency Coordinator will be required to designate one foreman and/or superintendent per active work floor to serve as an evacuation coordinator. In the event of an evacuation, this evacuation coordinator will be responsible for ensuring the complete evacuation of their personnel from the floor for which they have responsibility. This evacuation coordinator will be required to maintain a head count of the personnel under their supervision.

5.2.3 All Site Personnel

Prior to the start of on-site activities, all site personnel will be required, at a minimum, to attend the following site-specific safety orientations:

- Contractor on-site Construction Safety orientation
- Contractor Health and Safety Plan orientation
- Contractor Emergency Action Plan orientation
- Job Hazard Analysis (JHA) specific training - to be provided by the applicable trade
Subcontractor

All such training will be documented by the applicable training provider. Signed copies of all orientation attendance sheets, EAP acknowledgement forms and HASP acknowledgment forms must be provided to the Contractor and will be maintained on site within the Contractor's field office.

If site conditions warrant a modification to the EAP, all personnel working on the site will be informed of these changes either at a general site safety orientation conducted by the Contractor or at the individual subcontractors' required weekly toolbox talks. All personnel will be required to sign an attendance sheet acknowledging the EAP modification.

5.2.4 Drills

The Contractor Emergency Coordinator will be responsible for setting up and coordinating spontaneous drills of this Emergency Action Plan. For the duration of the deconstruction work, such spontaneous drills involving all occupants of the building will occur as warranted. The Contractor Emergency Coordinator will notify LMDC in advance of the drills so that appropriate community notification can be given consistent with the Community Notification Plan, attached as Appendix F.

5.3 Emergency Response Coordination

The Contractor Emergency Coordinator will function as the on-site representative to the First responders (e.g. FDNY, NYPD, etc.) in the event of an emergency. The main security check point at the Building, located at Washington and Albany Streets, has been designated as the location for first responders to meet the Contractor Emergency Coordinator to be briefed on the scope and nature of the emergency. During an emergency which requires activation of this Emergency Action Plan the Contractor Emergency Coordinator will be clearly identified by means of a reflective vest. This vest will prominently display the words Contractor Emergency Coordinator on both the front and back.

As part of pre-planning activities the Contractor will meet with the City Agencies prior to the commencement of any work. The Contractor will provide the City Agencies with information on the type and location of hazardous materials that may be in the Building. By providing this information prior to the commencement of work activities, the First responders will be able to address any special PPE requirements necessary for conducting emergency rescue services within the Building.

The Contractor Emergency Coordinator will obtain Site Personnel logs from each Subcontractor Emergency Coordinator on a daily basis by 7:30am. These will be updated throughout the day as personnel arrive at or leave the site. These logs will be used by the Contractor Emergency Coordinator in the event of an emergency to account for all trade personnel.

SECTION 6 EMERGENCY RESPONSE MEASURES

This section describes the actions that will be taken in the event of an on-site emergency to minimize the effect of that "event" or emergency on on-site personnel, the neighboring community and the environment.

6.1 Reporting Emergencies

All site personnel, upon discovering an emergency situation, shall immediately call 911. The Contractor Emergency Coordinator shall be notified immediately thereafter and will assume responsibility as the onsite representative to the First Responders.

The Contractor Emergency Coordinator shall immediately notify LMDC. LMDC, will, as necessary activate the community notification plan. Refer to Appendix F for Community Plan. Refer to Appendix A for a copy of the point of contact flow chart.

6.2 Building Evacuation

Any explosion, regardless of size or type, any structural failure, fires and certain power failures will require a complete building evacuation. 911 will be notified in the event of an evacuation.

6.3 Designated Assembly Area

In the event of an evacuation the designated assembly points for site personnel are:

- #1 – Edgar Street between Trinity Place and Greenwich Street
- #2 – Southwest corner of Rector Street and Washington Street

During the EAP orientation, all personnel will be instructed to locate and assemble in a manner that will not impede the operations of any business or agency in the area.

No visitors or trade personnel shall leave the assembly point until directed by the Contractor Emergency Coordinator. Following an evacuation, nobody shall be allowed to re-enter the

Building until cleared by appropriate First Responder, safety, agency or technical personnel investigating the impact of the incident to the Building. The Contractor Emergency Coordinator will provide the “all clear” signal to the Subcontractor Emergency Coordinators once it is safe to return to normal work operations.

6.4 Site Evacuation Process

The Contractor Emergency Coordinator will be responsible, in conjunction with the applicable

Subcontractor Emergency Coordinators, to initiate the following procedures.

The Contractor Emergency Coordinator will:

- Call 911
- Signal the audible evacuation alarm (two (2) long blasts of the site air horn will sound through the Building’s temporary radio communication system).
- Contact all Subcontractor Emergency Coordinators via cellular phone and/or site radio system to inform them of the nature and location of the emergency and the actions being initiated including whether it is safe for personnel evacuating the Building to decontaminate.
- Retrieve the daily Visitor Logs and daily Site Personnel Log
- Designate a Contractor employee to account for all logged visitors at the assembly points, the Contractor Security Detail will manage entry and exit to site. Overall

accountability will be the responsibility of the Contractor Emergency Coordinator.

- Support and coordinate with First Responders as directed/requested

The Subcontractor Emergency Coordinator will:

- Secure all manpower (e.g., safely stop work)
- Secure all operating equipment
- Assist in the removal of personnel under their supervision from the Building (the designated evacuation coordinators shall perform a sweep to ensure that everyone has left their floor of responsibility before exiting the floor themselves)
- If conditions allow, ensure all personnel properly decontaminate
- Ensure personnel under their control proceed to the closest assembly point and remain there to await further direction
- Conduct a head count of their personnel at each location

6.5 Surrounding Community Notification

The Contractor Emergency Coordinator will immediately notify LMDC of an emergency situation resulting in the implementation of any aspect of this EAP. In emergency situations where First Responders will assume control, all community notifications will be coordinated with the First Responders Incident Commander. In situations where that is not the case, LMDC will determine and implement appropriate notification to the community pursuant to the Community Notification Plan attached as Appendix F. The Contractor Emergency Coordinator will advise, cooperate, participate, assist and provide support as requested by LMDC in community notification efforts.

6.6 Key Agency Notification

In the event of an emergency situation resulting in the implementation of any aspect of this EAP, LMDC will notify the appropriate Government Agencies as warranted by the situation.

SECTION 7 RESPONSE TO SPECIFIC EMERGENCY EVENTS

Below is a list of unplanned events that may occur during the deconstruction project. This list may not be all encompassing, but represents “events” related to similar projects. These events include:

- Fire or explosion
- Power failure
- Structural failure
- Unplanned, sudden or non-sudden release of hazardous waste or constituents
- Worker injury or illness
- Falling or dropped building debris
- Work Stoppages or demonstrations.

7.1. Fire or Explosion

In the event of an explosion or a fire, the Contractor Emergency Coordinator shall immediately:

- Call 911
- Meet First responders at the predesignated location (unless circumstances dictate otherwise, it is the security desk at the Building) for briefing on the scope and nature of the emergency
- Notify LMDC

7.2 Power Failure

In the event of a power failure, the Contractor Emergency Coordinator shall immediately:

- Call 911, if warranted
- Notify on site Electrician to evaluate issue
- Start Emergency Generator
- Coordinate with the Abatement Subcontractor Emergency Coordinator to initiate containment isolation activities (e.g. both the Personnel and Waste Load Out Decontamination units must be immediately sealed to prevent a fiber release).
- Coordinate with the Abatement Subcontractor Emergency Coordinator to initiate back-up power generation.
- All containment isolation barriers are to remain secure until the required negative pressure has been re-established.

7.3 Structural Failure

In the event of a structural failure, the Contractor Emergency Coordinator shall immediately:

- Call 911
- Initiate Emergency Action Plan, including Building evacuation procedures

7.4 Unplanned Release of Hazardous/Regulated Waste

In the event of an unplanned release of a hazardous and/or regulated waste, the Contractor Emergency Coordinator shall, in conjunction with the responsible party, the Environmental

Consultant, and others as appropriate shall make a determination whether to implement a Building evacuation or control and remediate the release. No untrained personnel shall attempt to remediate any release of hazardous/regulated wastes. Specific procedures for notification to the appropriate regulatory agencies and remediating any releases are addressed in the Deconstruction Plan.

In accordance with the New York State Asbestos Rules, if visible emissions occur outside the work area or any air sample within the building but outside the work area indicates a level of fiber concentration at or greater than the 0.01 fibers per cubic centimeter or background levels, work shall stop for inspection and repair of barriers and clean-up of surfaces. Any barriers disturbed will be restored, and clean up of surfaces outside the work area using HEPA vacuums and/or wet-cleaning methods, shall be performed prior to the resumption of abatement activity. Work will not resume until the onsite Environmental Consultant verifies that appropriate corrective actions have been taken. Airborne levels of asbestos fibers outside the work area will be closely monitored to ensure that they are below background /action levels.

In addition, this project will have in place an exterior air sampling program, as presented in Section 2- Ambient Air Monitoring Program of the Deconstruction Plan. Per this plan, the USEPA Region 2 office, NYCDEP, NYSDEC and the NYSDOL will be notified promptly of any exceedance of either a Target Air Quality Level or a USEPA Site Specific Trigger Level and will be notified of any corrective actions taken in connection with the Target Air Quality Level exceedance and the implementation of corrective actions in connection with USEPA Site Specific Trigger Level exceedance.

If exterior ambient air monitoring detects any potential contaminants of concern (COPC) as identified within Section 2 (Ambient Air Monitoring Program) of the Deconstruction Plan above the USEPA Site Specific Trigger Levels, all work within the Building will stop and the USEPA Region 2, NYSDOL and NYSDEP will be notified with regards to the exceedance and the implemented corrective measures. Work will not start until a cause of the release has been determined and corrective measures have been undertaken.

For any releases of hazardous/regulated wastes to the exterior of the Building, the Contractor Emergency Coordinator shall call 911. LMDC will also notify EPA, NYSDOL, DEP, OSHA, DEC and DOB.

7.5 Medical Emergency and Rescue

Potential injuries that may result in a medical emergency include:

- Slips, trips, falls, lacerations
- Trauma injuries caused by being struck by heavy equipment, building components, waste containers, etc.
- Eye injuries
- Burns from electrical, fire or explosion
- Electrical contact or electrocution
- Heat stress/stroke
- Chemical exposures
- Cardiac emergencies
- Respiratory emergencies

The Contractor and its subcontractors will respond to minor injuries requiring first aid only; major injuries or requirements for search and rescue will be handled by First Responders.

If a worker is showing signs of distress or obvious injury or illness, the applicable trade Subcontractor Emergency Coordinator shall immediately notify the Contractor Emergency Coordinator and provide the following information:

- Location of victim
- Nature of Emergency
- Whether the victim is conscious
- Specific details regarding the injury or illness
- Whether the victim is in need of decontamination

The Contractor Emergency Coordinator will suspend work within the immediate area until the emergency situation has been corrected. If possible the subcontractors' first aid attendant shall treat the injured employee as necessary until a decision is made to seek outside medical assistance or to remove the victim from the Building.

The Contractor Emergency Coordinator will be responsible for calling 911 and will inform the First Responders whether asbestos abatement activities are taking place within the Building, and whether or not the injured employee has been brought through the decontamination chamber.

Upon arrival at the Building, qualified First Responders will make a decision to enter into the project work area or request that the applicable Subcontractor Emergency Coordinator and personnel remove the victim from the Building. In addition, the qualified First Responder will determine the extent of emergency decontamination to be performed, if any, depending on the severity of the injury or illness. If the injury or illness is such that emergency decontamination of the victim cannot be performed safely, the victim shall be given necessary first-aid treatment and wrapped in a blanket prior to transportation to emergency medical services.

7.6 Falling or Dropped Building Components

This section will address procedures that must be followed in the event that any building component(s), construction material(s), equipment, etc. has either unintentionally been dropped, falls or has the potential to fall from the building:

- Call 911 if warranted
- The applicable Subcontractor Emergency Coordinator must immediately notify the Contractor Emergency Coordinator either verbally or via cellular telephone.

- The Contractor Emergency Coordinator shall immediately contact LMDC via cellular phone and verbally inform them of the situation as well as the corrective measures. LMDC will notify DEP, NYSDOL, EPA, OSHA and DEC.
- The Contractor Emergency Coordinator will contact NYC Department of Buildings.

7.6.1 Protective Measures in Place

The following protective measures are currently being utilized at the site to reduce risks associated with the potential for building components to drop/fall from the Building:

- Plywood construction fence to restrict site access
- Sidewalk closures and/or installation of overhead protection
- 24/7 security guards on-site (fire watch activities, general site security around the Building perimeter, Building access)
- Survey of building exterior and selective removal of spandrel glass in danger of falling from building.

The Contractor Emergency Coordinator (or other Contractor designee) will be responsible for ensuring these protective measures remain intact and implementing any corrective measures.

SECTION 8 EAP INVESTIGATION AND REPORT

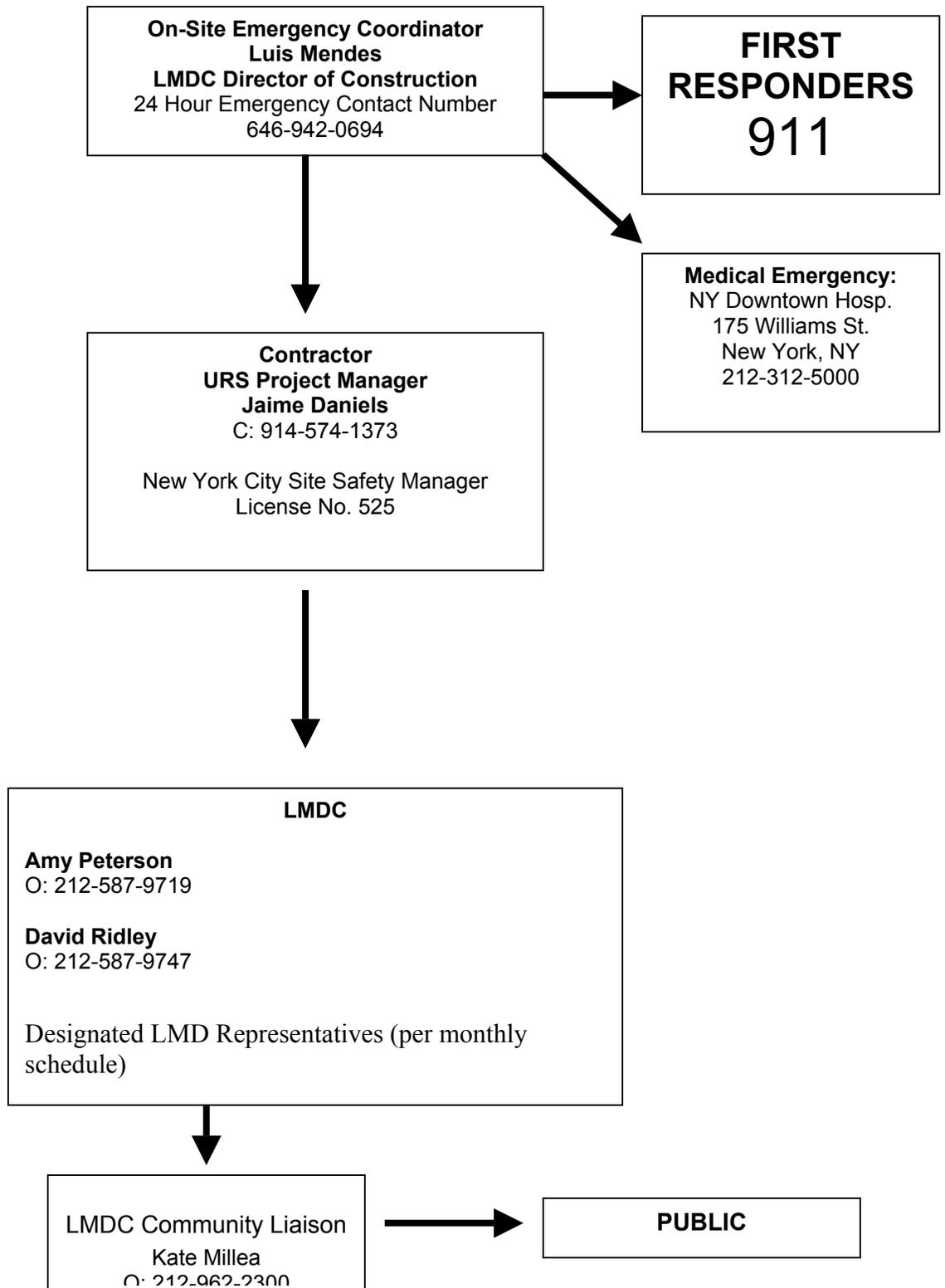
The Contractor Emergency Coordinator in conjunction with the involved trade contractor shall commence an investigation immediately after stabilization of the emergency. The Contractor standard protocols for accident investigation shall be followed. The details of the investigation procedures are contained within the standard protocol. The Contractor will cooperate and assist any agency also investigating the incident.

Within twenty-four (24) hours of the emergency a review meeting will be held. This review meeting will include an evaluation of the emergency, response to the emergency action and, if necessary, address the need to modify any emergency action protocols. The applicable trade contractors will be required to prepare a written analysis of the emergency as well as provide recommended corrective measures. The Contractor Emergency Coordinator will use this information to prepare the report which shall be submitted to LMDC within forty-eight (48) hours of the review meeting. Implementation of any corrective measures shall take place immediately. LMDC will be informed of all investigation related events in advance so they have the opportunity to attend as they deem appropriate.

If warranted community briefings will occur as outlined in the Community Notification Plan at Appendix F.

APPENDIX A

EMERGENCY RESPONSE COMMUNICATION CHART



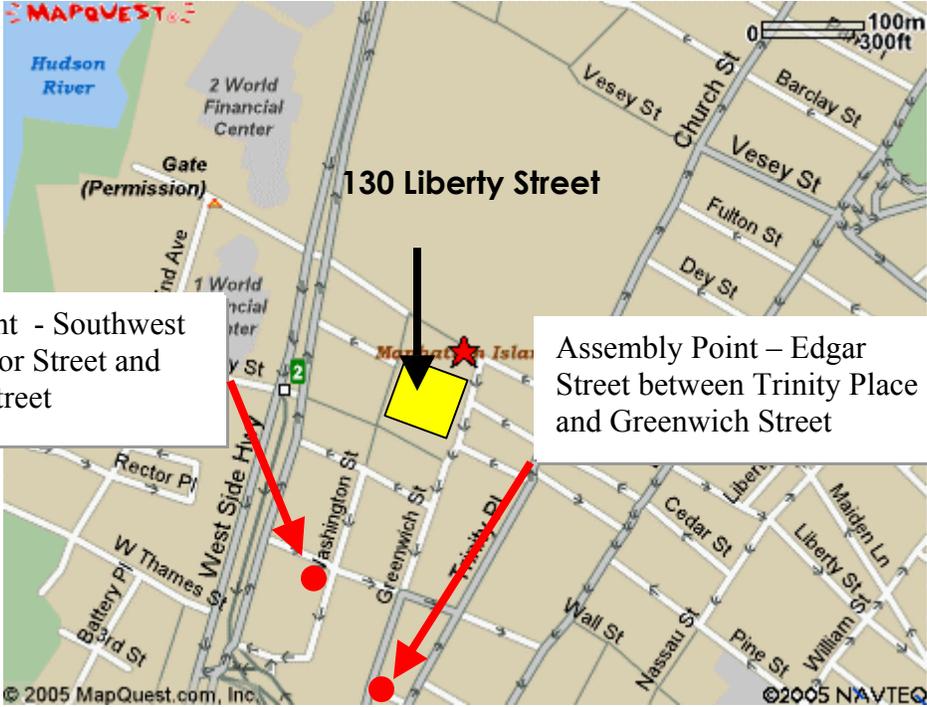
APPENDIX B

Agency Contact Information

<p><u>MEDICAL EMERGENCY</u> NYU Downtown 69 Gold St # 15f New York, NY 212-312-5108</p>	<p><u>POLICE DEPARTMENT</u> 1st Precinct 16 Ericsson Place New York, NY 10013 212-334-0611</p>
<p><u>BURNS</u> The NY Hospital--Cornell Medical Center 525 East 68th Street New York, NY 212-746-5454</p>	<p><u>US DEPARTMENT OF LABOR (OSHA)</u> Gil Gillen 345 Hudson Street New York, NY 10014 212-337-2337</p>
<p><u>EYE INJURY</u> New York Ear & Eye Infirmary 310 E. 14th Street New York, NY 212-598-1313</p>	<p><u>DEPARTMENT OF BUILDINGS (NYC)</u> Robert Lulo 280 Broadway New York, NY 10014 Emergency number: 212-566-3364</p>
<p><u>AMBULANCE—FDNY</u> Telephone number: 911</p>	<p><u>ADM. CHIEF INSPE.: (B.E.S.T. SQUAD)</u> Rudy Hahn 210 Joralemon Street, Room 819 Brooklyn, NY 11201 718-802-3713</p>
<p><u>FIRE DEPARTMENT EMERGENCY</u> Dispatch: 212-628-2900 or 911</p>	<p><u>US ENVIRONMENTAL PROTECTION AGENCY</u> Pat Evangelista ORA/NYC RRO, Region 2 290 Bdwy, 26th floor NY 10007-1866 212-637-4447</p>
<p><u>NYS DEPT. OF ENVIRONMENTAL CONSERVATION</u> Richard Fram 11-15 47th Ave. Long Island City, NY 11101 718-482-4944</p>	<p><u>NYS DEPARTMENT OF LABOR</u> Christopher G. Alonge, P.E. State Office Building Campus Albany, NY 12240 212-337-2338</p>

APPENDIX C

130 Liberty Street Emergency Evacuation Assembly Locations

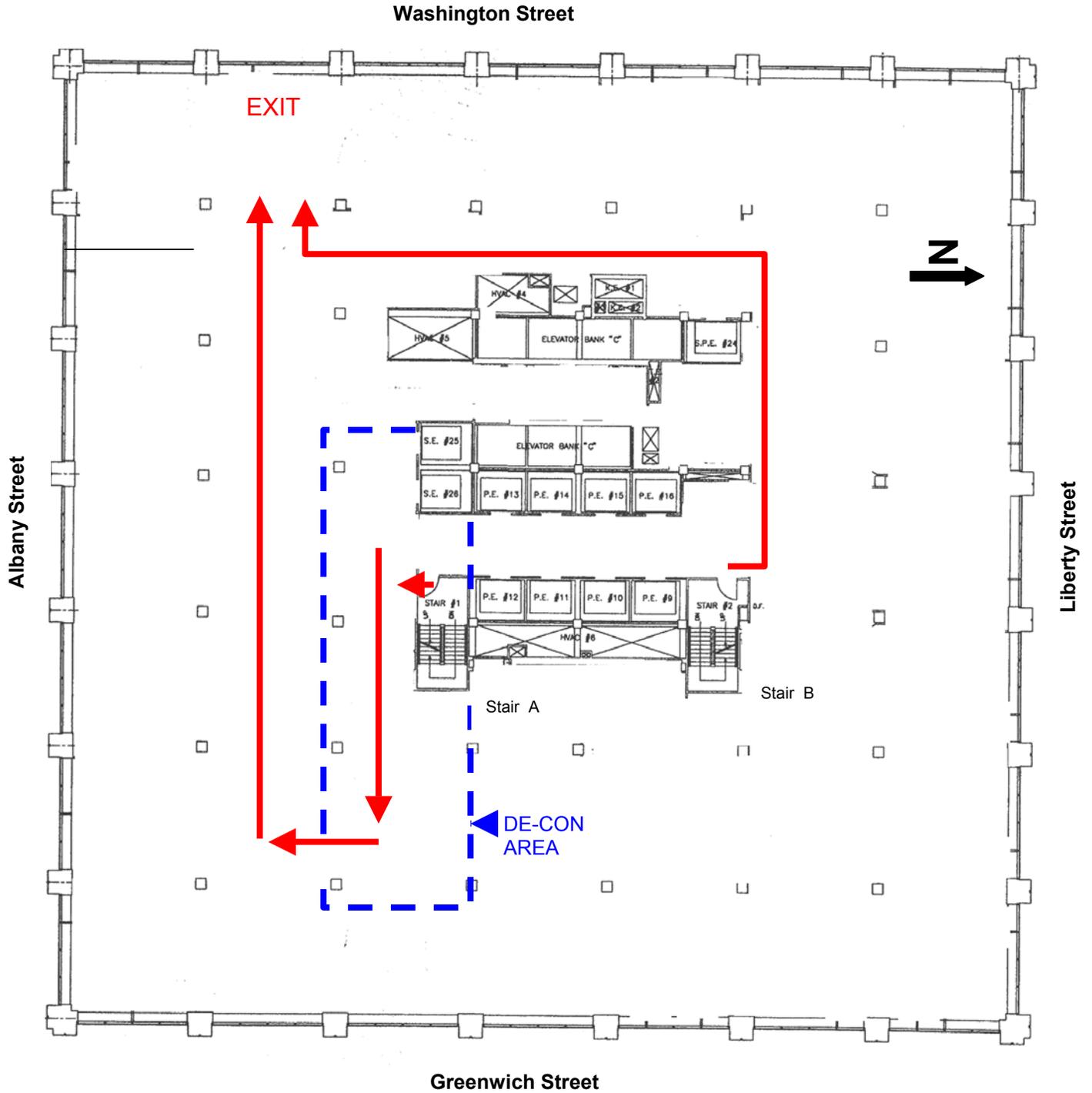


Assembly Point - Southwest corner of Rector Street and Washington Street

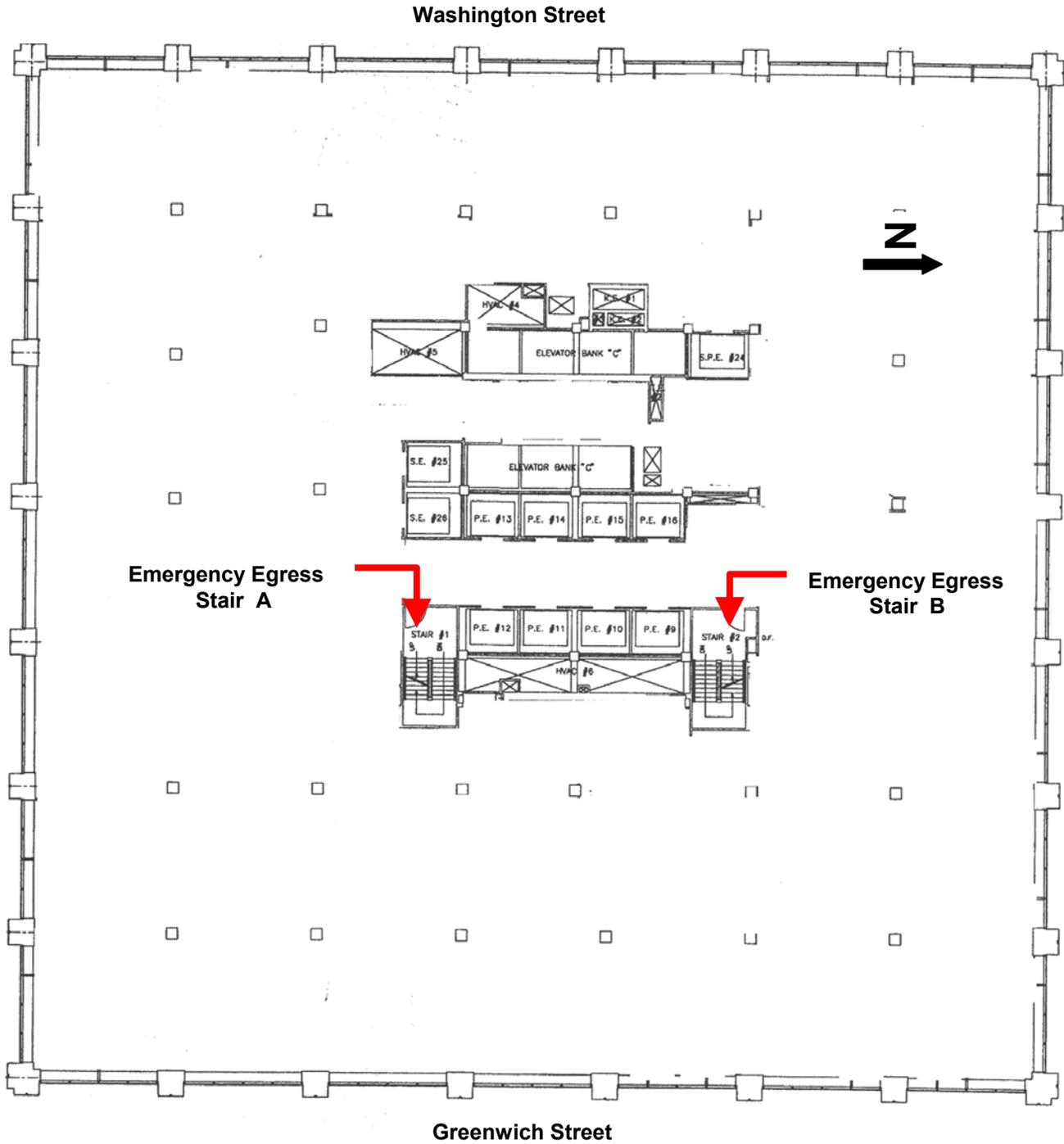
Assembly Point – Edgar Street between Trinity Place and Greenwich Street

APPENDIX D

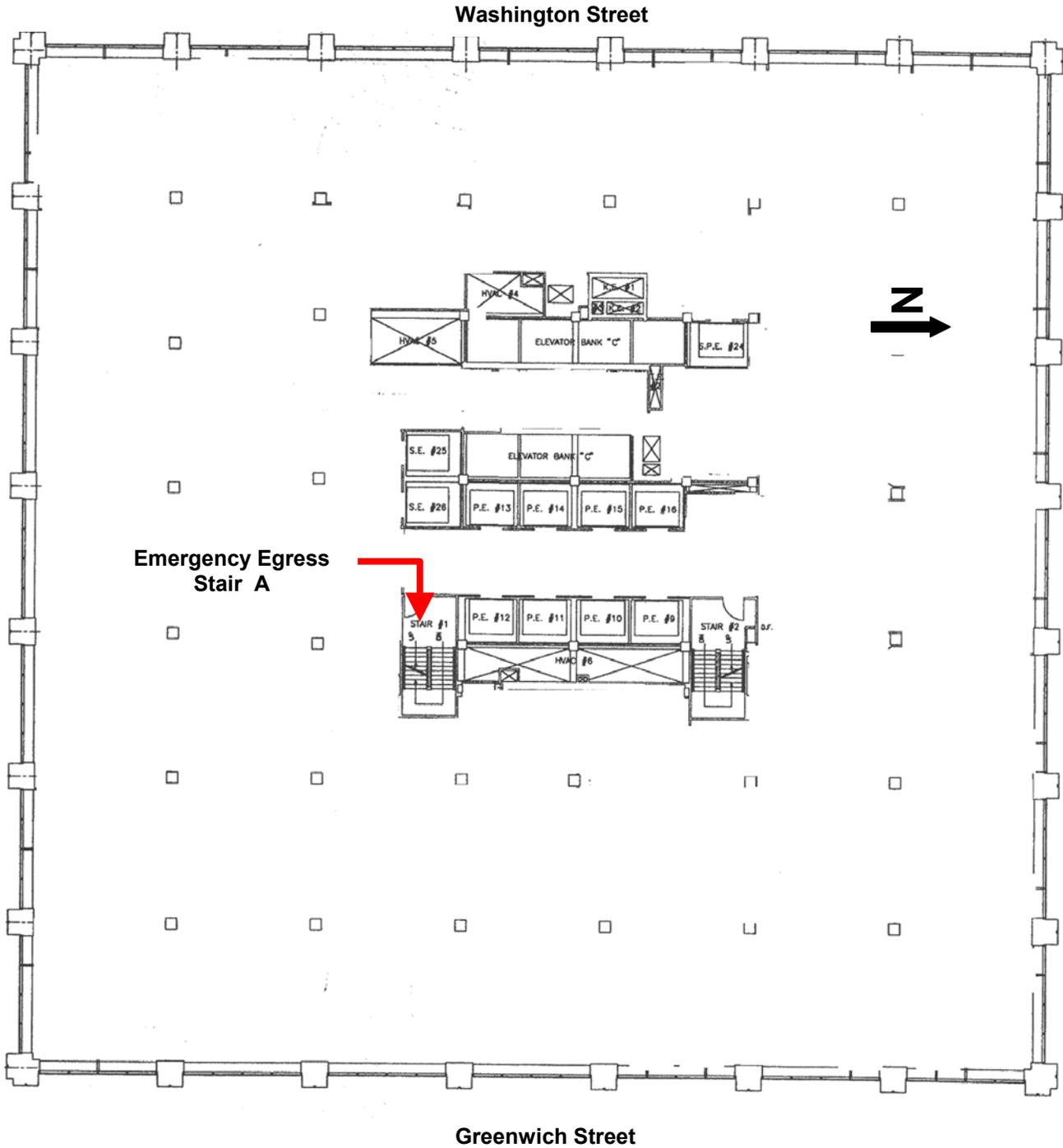
Emergency Egress from Building Ground Floor Layout



Emergency Egress from Building Typical Floor Layout - Floors 1 thru 24



Emergency Egress from Building Typical Floor Layout - Floors 25 thru 39



*** Standpipe is located in Stair A**

APPENDIX E

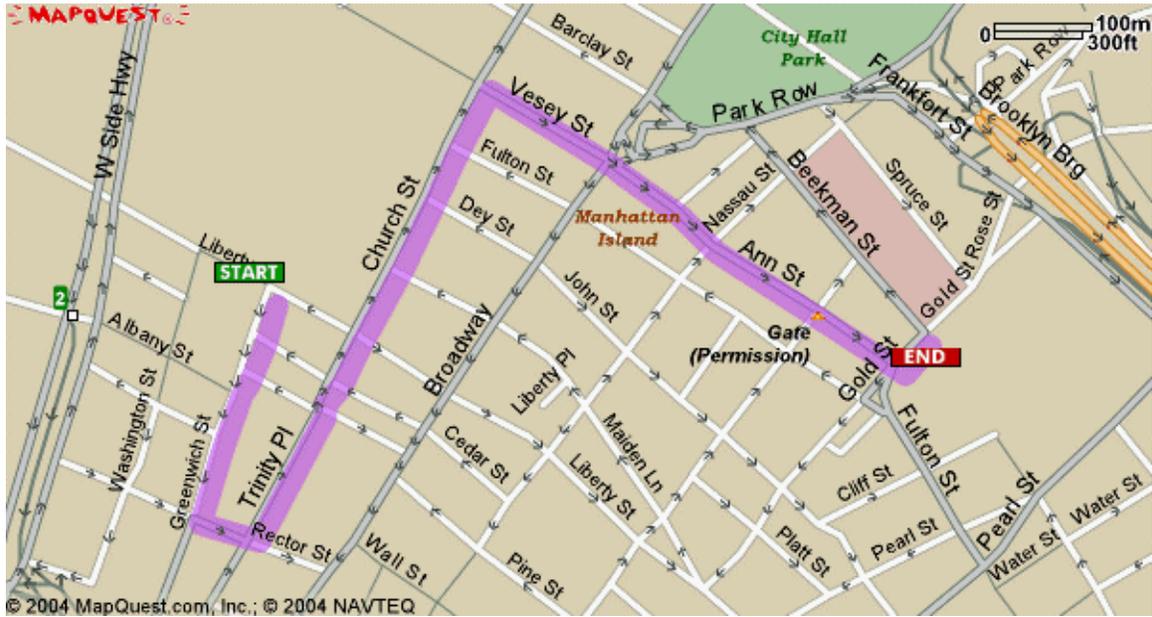
Hospital Directions With Route Map

Hospital Directions

When an injury occurs, the on-site Gilbane Emergency Coordinator (or their designee) shall determine the response actions. If based on the severity of the injury, emergency response personnel shall not be summoned; the injured personnel should be taken to NYU Downtown Hospital, 69 Gold Street, # 15F, New York, NY. The hospital is approximately 0.9 miles from the site. The approximate travel time between 130 Liberty Street and NYU Downtown Hospital is 4 minutes, depending on the traffic. A map showing the route to the hospital is provided below. Directions to the hospital from the 130 Liberty Street are:

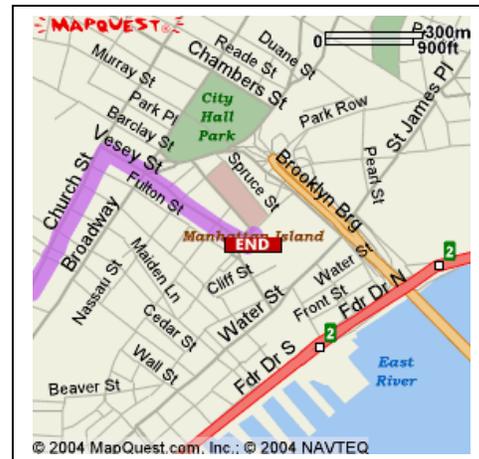
1. Start out going SOUTH on GREENWICH ST toward CEDAR ST
2. Turn LEFT onto RECTOR ST
3. Turn LEFT onto TRINITY PL
4. TRINITY PL becomes CHURCH ST
5. Turn RIGHT onto VESEY ST
6. VESEY ST becomes ANN ST
7. Turn LEFT onto GOLD ST

ROUTE TO THE HOSPITAL FROM 130 LIBERTY STREET



Start:
 130 Liberty St
 New York, NY 10006-1101

End:
NYU Downtown Hospital [212-312-5108]
 69 Gold St # 15F
 New York, NY 10038



Appendix F
Community Notification Plan Addendum

**Community Notification Plan Addendum
to the
Emergency Action Plan
at
130 Liberty Street
New York, NY**

Lower Manhattan Development Corporation
One Liberty Plaza, 20th Floor
New York, NY 10006



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The purpose of the Community Notification Plan Addendum to the 130 Liberty Street Emergency Action Plan is to outline the community notification protocol that the LMDC will implement in the event of an emergency incident at the 130 Liberty Street site.

Section 1 Introduction

On December 13, 2004 the Lower Manhattan Development Corporation (LMDC) submitted for regulatory review a Draft Phase I Deconstruction Plan (“Plan”) for the cleaning, abatement, and deconstruction of the building located at 130 Liberty Street. The Emergency Action Plan (EAP) for Phase I activities is contained in Section 3 of the Plan. The EAP has been designed to mitigate against and lessen the impact of any emergency that might occur during the deconstruction process through proper planning and the establishment of a suitable response structure. The EAP also designates the appropriate personnel responsible for implementing the EAP and identifies emergency response personnel and agency representatives that need to be contacted in the event of an emergency. It is a required document that is to be implemented by all contractors and consultants and followed by any onsite visitors working on the deconstruction site in the event of an incident.

The LMDC received numerous comments from the regulatory agencies as well as the public on the December 13 Draft Phase I Plan. Subsequently, on May 12, 2005 LMDC provided a revised Draft Phase I Deconstruction Plan for the cleaning, abatement, and deconstruction of the 130 Liberty Street building for regulator review. The May 12, 2005 revised plan incorporates comments that LMDC had received.

Section 2 Purpose of Community Notification Plan Addendum

In response to comments that the LMDC received from the public, the LMDC has developed a Community Notification Plan Addendum to the EAP. The Community Notification Plan Addendum (“Addendum”) is a supplement to the EAP and complements the protocols already established by the EAP. It outlines the community notification protocol that the LMDC will implement in the event of an incident at the 130 Liberty site during cleaning and deconstruction activities. The Addendum defines the roles and responsibilities of the LMDC and their contractors, first responder and regulatory agencies, and the public and addresses the necessary protocol for broader community notification concerning on-site incidents. The Addendum is a “living” document and will be revised and updated throughout the duration of the 130 Liberty Street deconstruction project.

The Addendum applies to all businesses, residents, regulatory agencies, and visitors visiting the Lower Manhattan area, defined as the geographic area TBD.

The Phase I Deconstruction Plan, including the EAP and this Community Notification Plan Addendum, is available for review by regulatory agencies and the public and can be viewed on LMDC’s website at www.renewnyc.com.

In the event of an incident requiring first response activities, the First Response agencies, the NYC Office of Emergency Management, FDNY, and the NYPD, will be the primary decision makers regarding required immediate response actions to safely contain the incident. All community communications will be coordinated through the Incident Command emergency management system.

Section 3 Roles and Responsibilities

The following paragraphs outline the roles and responsibilities of the on-site Contractor Emergency Coordinator, the LMDC, first responders, regulatory agencies, the local community emergency response team (CERT), and the public during emergency events at the 130 Liberty Street site.

3.1 Contractor Emergency Coordinator

The Contractor's designated Emergency Coordinator has the overall responsibility for implementing the EAP and will ensure that all requirements imposed by the EAP are met. The Contractor Emergency Coordinator is the designated liaison to the First Responder agencies and will immediately notify the designated LMDC representative should an emergency event occur.

3.2 LMDC

Designated LMDC representatives during emergency response actions include the Director of Construction, Construction Project Manager, and Senior Vice President of Memorial, Cultural, and Civic Development. Upon notification of an emergency event by the Contractor Emergency Coordinator, the designated LMDC representative will contact the LMDC Community Liaison to initiate the emergency communications process. Ms. Millea will maintain an

open community notification and communications process by providing information as it becomes available to the surrounding community. This will be accomplished via several mechanisms, described below in Section 4.0.

LMDC staff, with assigned responsibilities under this Addendum, are required to review the EAP and this Addendum in order to be familiar with, understand and be prepared to carry out the procedures contained within it. Appendix A of the EAP identifies key LMDC staff and illustrates initial emergency response communications between on-site deconstruction contractors, the LMDC, and the public.

3.3 First Responders

In the event of an incident requiring emergency response activities, first responder agencies, including the Office of Emergency Management (OEM), New York City Fire Department (FDNY), and the New York Police Department (NYPD), will be the primary decision makers regarding the immediate response actions needed to safely contain the incident. Once the situation has been controlled, the first response agencies will work with the regulatory agencies and LMDC on appropriate protocols for implementing safety measures.

3.4 Regulatory Agencies

The designated LMDC representative will notify the regulatory agencies of an incident occurring at the 130 Liberty Street building (see the Emergency Response Communications flowchart in Appendix A of the Phase I Deconstruction Plan). These agencies include U.S. Environmental Protection Agency, U.S. Occupational Health and Safety Administration, New York State Department of Environmental Conservation, New York State Department of Labor, New York State Department of Health, New York City Department of Environmental Protection, and New York City Department of Buildings. The regulatory agencies will coordinate their necessary expertise regarding particular incidents to ensure that appropriate protocols are followed and incorporated in response to the incident. Regulatory agencies will defer to the first response agencies in the event of a large-scale incident and work with the first responders and LMDC on the protocol for the longer-term response and mitigation.

For additional information on Battery Park City CERT, please visit:

<http://www.bpc-cert.org/>

Prepare ahead of time by:

- ✓ Becoming familiar with your building evacuation plans;***
 - ✓ Visiting OEM's Ready New York website at www.nyc.gov/html/oe/html/readynewyork/home.html***
 - ✓ Knowing area emergency phone numbers;***
 - ✓ Preparing Go Bags; and***
 - ✓ Preparing emergency supplies.***
-

3.5 Battery Park City CERT Team

The New York City Community Emergency Response Team is a community-based volunteer organization that informs, educates, and trains community residents about disaster preparedness. In the event of an emergency at the 130 Liberty Street building, the Battery Park City CERT team will assist first response agencies by providing emergency support personnel. The Battery Park City Cert team has forged a strong partnership with residential buildings and businesses in Battery Park City and has expanded their area of coverage to solicit volunteer members, and offer emergency response services in and around the 130 Liberty Street vicinity.

3.6 The Public

On-site contractors will be located at the 130 Liberty Street building on a 24-hour basis, conducting deconstruction activities or providing security during nonworking hours. Because of the project site's proximity to residential and business areas in Lower Manhattan, the community living and working adjacent to 130 Liberty Street will be continuous observers of project activities. As a result, they will become familiar with day-to-day activities and the contractors conducting these activities. LMDC encourages neighborhood residents and employees to report unfamiliar activities or suspicious persons. If an emergency event is observed, please call 911 or the LMDC 24-Hour Emergency Hotline at 646-942-0694.

In light of the many steps taken in New York City to encourage public awareness and preparedness, and the initiatives supported by OEM, LMDC encourages all residents in Lower Manhattan, including neighborhood residents and businesses to take a moment and confirm that they are prepared. This involves looking at what they have done or need to do to prepare themselves, their family or colleagues, and their place of residence and/or work in the event of any kind of emergency that may occur. There are no specific or different steps to be taken to prepare for 130 Liberty Street deconstruction activities – the City recommends an all-hazards approach to evaluating personal preparedness. Steps may include:

- Becoming familiar with their building evacuation plans;
- Visiting New York City’s OEM’s website at www.nyc.gov/html/oem/html/readynewyork/home.html for Ready New York Materials;
- Knowing area emergency phone numbers;
- Preparing Go Bags; and
- Preparing emergency supplies.

Section 4 Notification Mechanisms

During emergency events in which First Responders assume full control, all communication notifications will be coordinated through the Incident Command to ensure that accurate information is being released.

In situations where LMDC has retained full control of the emergency incident, LMDC will notify and disseminate all available information to the surrounding community. Community notifications will be accomplished through several means, as described below.

Sign up to receive 130 Liberty Street E-Updates and Incident Alerts at:

<http://www.renewnyc.com/Newsletter/>

4.1 Mass Notification

LMDC is currently investigating the use of a mass notification system. A mass notification system will allow LMDC to send an emergency message to community members simultaneously through phone, pager, and email within minutes of placing the initial call or message. This system enables the surrounding community to immediately receive pertinent information regarding an emergency, thereby reducing the risk for miscommunication and/or speculation. Mass notification will likely be provided to community residents, tenant associations, businesses, area building management, schools, community facilities, elected officials, and non-first responder

regulatory officials.

Once a mass notification system has been identified and brought online, LMDC will work with neighboring residents, businesses, and other community groups to obtain up-to-date contact information.

4.2 130 Liberty Street E-Updates

In the summer of 2004, LMDC developed an electronic database of email addresses in order to disseminate information regarding the 130 Liberty Street deconstruction project, including meeting notices and project updates. LMDC will continue to use this list serve (130 Liberty Street E-Updates) to provide project-status updates to all subscribers. To sign up for the E-Updates, please visit LMDC's website at: <http://www.renewnyc.com/130Liberty>

4.3 130 Liberty Street Incident Alerts

Similar to E-Updates, Incident Alerts will be disseminated electronically via email. The Incident Alerts will notify users of an emergency and provide the status and measures taken to mitigate the emergency event. Incident Alerts notifications are more serious than the E-Updates and will state so in the Subject Header line. Recipients of the Incident Alerts will include those who subscribe to the E-Update list serve. To sign up for the E-Updates and Incident Alerts please visit LMDC's website at <http://www.renewnyc.com/130Liberty>

In the event of an emergency, LMDC will notify you by:

- ✓ ***Mass notification via telephone, pager, or email;***
- ✓ ***Incident Alerts via email;***
- ✓ ***130 Liberty Street E-Updates;***
- ✓ ***Pre-recorded messages on the 130 Liberty Street Information Hotline;***
- ✓ ***Media news releases;***
- ✓ ***Community Flyers; and***
- ✓ ***Community Briefings.***

4.4 130 Liberty Street Information Hotline

The LMDC is currently exploring the creation of a dedicated toll-free hotline, available 24 hours a day. The hotline will contain pre-recorded messages for area residents, building owners, businesses, and visitors to obtain information on all activities, project- or emergency-related, occurring at the 130 Liberty Street building. The hotline will contain a pre-recorded message that provides the status of activities currently occurring. Follow-up messages will be recorded as on-site activities change or, in the case of an emergency event, once the situation has been mitigated and incident response complete. No live voice will be available to answer questions on this hotline number.

4.5 Media Notification

During an emergency, LMDC will provide regular emergency incident updates to newspapers and local radio stations and television stations until the incident has been safely mitigated. Contact information for the LMDC will also be provided in all media releases.

4.6 Community Flyers

The LMDC will provide notices, flyers, and/or posters to area residential and commercial buildings after an incident occurs. During non-emergency events, community flyers will provide project information on the 130 Liberty Street project and LMDC contact information. During emergency incidents, flyers will provide incident updates as well as LMDC contact information.

4.7 Community Briefings

Once the emergency event has come under safe control or has been mitigated, the LMDC will hold informal community briefings to provide a status of the incident, an overview of response activities, and any additional steps by LMDC to further mitigate the situation or similar future situations.

Section 5 Notification Protocols

5.1 On-site Incident With No Impact to Surrounding Area

On-site emergency incidents with no impact on the surrounding area include worker injuries and/or rescue, on-site power failure, or contained fires.

LMDC Notification Actions:

- Immediately issue E-Updates to the subscribers of the 130 Liberty list serve. The purpose of the E-Update is to notify area residents that an on-site incident has occurred and to reassure residents that no impact on the surrounding area has occurred.
- Update recording on toll-free hotline to provide the status of the incident.

If an emergency event is observed at the 130 Liberty Street building, please call: 911

LMDC 24-Hour Emergency Hotline 646-942-0694

5.2 City Emergency

City emergencies are city-wide incidents. These include power outages, water main breaks, and weather-related emergencies. If the city emergency were associated with the project site, the Contractor Emergency Coordinator would call First Responder agencies, if necessary, and immediately notify the designated LMDC representative of the incident.

LMDC Notification Actions:

- Immediately issue E-Updates to the subscribers of the 130 Liberty list serve. The purpose of the E-Update is to notify area residents that a city emergency has occurred and to inform residents of the status of the building at 130 Liberty Street.
- Update recording on toll-free hotline to provide the status of the incident.

For information on the 130 Liberty Street project during Non-Emergency periods, please call:

✓ 311

✓ **Kate Millea, LMDC
Community Liaison:
212-962-2300**

5.3 Neighborhood Impact Emergency

Neighborhood impact emergencies are those incidents that could put the community at risk. Such incidents could, for example consist of structural failure, or fire. Emergency response personnel would be visible on-site.

LMDC will rely on the New York City emergency response agencies for First Responder activities. Emergency response agencies will arrive at the scene, assess the situation, and implement the required operating procedures to safely mitigate the emergency. All community notification will be coordinated through the Incident Command emergency management system.

LMDC Actions:

- Support First Response agencies and coordinate all communications through Incident Command.
- Activate mass notification system. LMDC will activate the mass notification system for all subscribers, including area residents, businesses, schools, community organizations, and regulatory and elected officials close to the project site to notify them of the incident and initial first response activities implemented by First Responders.
- Immediately issue an Incident Alert to the subscribers of the 130 Liberty Street list serve.
- Update the recording on the toll-free information hotline to provide the status of the incident.
- Issue E-Updates with necessary follow-up information about the incident.
- Develop media releases. LMDC will develop media releases for newspapers, radio, and/or television stations.
- Post flyers throughout the community describing the incident and the measures employed in response to the incident.
- Convene a community briefing, open to members of the public, to discuss the incident, what was done in response to the event, and answer any questions that the community may have, if necessary.

5.4 Air Monitoring Exceedance

If air monitoring trigger levels are exceeded during project activities, LMDC will notify U.S. Environmental Protection Agency Region 2, New York City Department of Environmental Protection, New York State Department of Environmental Conservation, and New York State

Department of Labor. Emergency response personnel would not be required on-site. Monitoring and response actions will be consistent with those outlined Section 2 Ambient Air Monitoring Program in the revised Phase I Deconstruction Plan.

For general Lower Manhattan construction information, please visit:

www.lowermanhattan.info

LMDC Notification Actions:

- Immediately issue an Incident Alert to the subscribers of the 130 Liberty Street list serve.
 - Update the recording on the toll-free information hotline to provide the status of air exceedances.
 - Follow up with an E-Update to provide the status on air monitoring levels.
- Continue to Publish Air Monitoring Data on www.renewnyc.com/130Liberty
 - Convene a community briefing, open to members of the public, to discuss the air monitoring levels, what was done in response to the exceedances, and answer any questions that the community may have, if necessary.

Section 6 Emergency Contact Information

If you are a witness to an emergency involving the 130 Liberty Street Building, please call:

- 911; or
- The LMDC 24 Hour Emergency Hotline at 646-942-0694.

Section 7 Non-Emergency Contact Information

For general information on the project at 130 Liberty Street or any other construction project in Lower Manhattan, please call 311.

For general 130 Liberty Street Building inquiries Monday - Friday, 9 am to 5 pm, please call or email:

Kate Millea, 130 Liberty Community Liaison
Telephone: 212-962-2300
Email: kmillea@renewnyc.com