

**1. Can you please post the public comments and the transcript of the meeting on your website and have the revisions to the plan highlighted?**

*The transcript and all public comments have been posted on the Lower Manhattan Development Corporation (LMDC) website at <http://www.renewnyc.com/content/pdfs/130liberty/20090424095738435.pdf>*

*We will post a version of both the Implementation Plan for Deconstruction and the Environmental Health and Safety plan that highlights the changes made.*

**2. We feel this plan does not have enough specificity and details regarding the process.**

*The document is not intended to replace the New York City Department of Buildings (NYCDOB) and other regulatory permitting process associated with the project. It is an overview that sets parameters. The NYCDOB permits establish the specific requirements in detail. A complete, appropriate and final set of detailed plans will be filed with NYCDOB and be available for public inspection. Similarly for both noise and dust control plans the specifics are done in conjunction with the regulatory agencies.*

**3. What are the work hours for this job?**

*The work hours are regulated by NYCDOB and the permits will list the hours of work. Bovis intends to work during all daylight hours, whenever possible, starting at 7am, Monday through Saturday. The New York City Department of Environmental Protection (NYCDEP) stated at the March 5 meeting that they will work with the community and the contractor to make sure the job is as quiet as possible while still moving at a prudent pace.*

**4. Is there a way to reduce the turn around times for air monitoring results?**

*The turnaround times were established after discussion with the United States Environmental Protection Agency (USEPA), the New York State Department of Labor (NYSDEL) and NYCDEP and approved by the regulators prior to the start of decontamination in 2006.*  
[http://www.renewnyc.com/plan\\_des\\_dev/130liberty/air\\_monitoring\\_reference.asp](http://www.renewnyc.com/plan_des_dev/130liberty/air_monitoring_reference.asp)

**5. We request that the New York City Office of the Medical Examiner provide documentation showing where and what sections of the building and surrounding area have been searched for potential human remains. We also request that protocols for the search of outside ledges at the northern entrance and the former fountain area of the building**

*According to the New York City Office of Chief Medical Examiner (OCME), the roof and interior of the building have been entirely searched. As the façade is removed, debris found on the ledges not associated with the 130 Liberty project will be bagged by the contractor and turned over to OCME. This has been clarified in the Implementation Plan Section IV.A.3.*

*In the north plaza area, the contractor will notify OCME prior to the start of any excavation activities. OCME will monitor all such activities and if they identify material of interest, such material will be turned over to OCME. This has been clarified in the Implementation Plan Section V.H.8.*

*It should be noted that OCME has a continuous presence in Lower Manhattan to monitor all construction activities that may affect the search for human remains.*

**6. Please provide where the trucks will enter and leave the site and what routes they will take.**

*Trucks will enter the site either via West Street to World Trade Center Gate 8 or via West Street to Albany Street to the site gate at Albany and Washington Streets. Trucks will leave the site either via World Trade Center Gate 8 to West Street or via the site gate at Albany and Washington Streets, down Washington Street to JP Ward Street to West Street.*

**7. The plan states that “Given the commitment to project safety excellence, project safety requirements may exceed current Federal, State and local codes & standards. Where conflicts exist, the more stringent requirement shall apply.” Have there been any instances where project safety requirements have exceeded current government codes and standards? Please cite those at the next 130 Liberty Community Advisory Committee meeting.**

*There are numerous instances, including but not limited to the standpipe safety alarm, perimeter protection on the scaffolding, etc. LMDC/LMCCC will further discuss these in more detail at the next 130 Liberty Community Advisory Council meeting.*

**8. The plan states that “all outstanding violations on this project that will impact the progress of this would be satisfied prior to the commencement of deconstruction;” and that “Bovis [...] will expeditiously remedy all other violations issued after December 1, 2008.” To enable the public to track progress of Bovis and other contractors in remedying and satisfying past, present and future violations, the LMDC should provide a short cut link to the NYC DOB website page for 130 Liberty Street, in the implementation plan and on the 130 Liberty Street project page of renewnyc.com**

*A link has been added to LMDC’s website.*

[http://www.renewnyc.com/plan\\_des\\_dev/130liberty/deconstruction\\_plan.asp](http://www.renewnyc.com/plan_des_dev/130liberty/deconstruction_plan.asp)

**9. We request that all NYC Department of Buildings complaints be resolved.**

*All violations will be resolved, as described in the Implementation Plan Section V.C.1.*

**10. Please provide to the public the “noise mitigation plan currently in place for this project,” by posting it to renewnyc.com. Please post all updated iterations of the plan as these come available.**

*The plan has been posted on LMDC’s website at*

[http://www.renewnyc.com/content/pdfs/130liberty/NoiseMitigationProgramNotarizedMarch27\\_2009.pdf](http://www.renewnyc.com/content/pdfs/130liberty/NoiseMitigationProgramNotarizedMarch27_2009.pdf).

**11. We believe there should be vibration monitoring within one block of the building, both at grade and above ground (e.g. on the parapet of 125 Cedar St.)**

*The project is subject to the vibration monitoring protocol established for the entire World Trade Center Site. Vibration monitoring will be performed in the building itself. Should cracking attributable to the deconstruction of 130 Liberty street be identified in buildings or sites within 90 feet of the project site, monitors will be installed over each crack and monitored weekly until they are deemed to be stable. This has been clarified in the Implementation Plan Section V.D.8.*

**12. Please provide to the public the drawings labeled “Thornton Tomasetti drawings T-000, G-101 and A-101 through A-109” and the drawings described in section V.H.9 by scanning and posting these documents to renewnyc.com.**

*All drawings are available at NYCDOB.*

**13. Which contractor is installing engineered scaffolding and decking on the south side of the building on floors 15-20 at the area of compromised bay removal? Is that scaffolding being leased from Regional Scaffolding?**

*The scaffolding contractor has not yet been determined; however it will not be leased from or installed by Regional Scaffolding.*

**14. We request that “Approved pre-task plans” referred to in the plan should be posted to the LMDC website.**

*Pre-task plans are working documents that are constantly updated based on field condition therefore it would not be possible to post them.*

**15. Please provide details re: how steel will be “downsized,” and how the determination is made to carry this out at grade or elsewhere, as part of the Final Implementation Plan.**

*Downsizing will be accomplished by torch or shear cutting, in accordance with NYCDOB and New York City Fire Department (FDNY) requirements. The decision as to where to downsize will be determined by field conditions.*

**16. Please include in the Final Implementation Plan protocols for the removal of structural steel from the building, including how steel will be secured into bundles or placed in metal containers or skip buckets. Please include details of measures taken to prohibit and prevent the overfilling of skip buckets or any other containers.**

*For specific details about the deconstruction process and how the steel will be removed please see the Implementation Plan Sections V.D.10 through V.D.15. The NYCDOB-licensed rigger will ensure that steel bundles are secured appropriately and that the buckets are not overloaded.*

**17. Please include in Final Implementation Plan detailed specifics regarding fall protection and engineering controls for fall hazards.**

*The EHSP, which is part of the Implementation plan, addresses this in Section 5.7.*

**18. Please include in the Final Implementation Plan detailed specifics for “downsizing” cleaned and cleared concrete and masonry debris. Please also specify dust control methods for this work operation, and any requirement for PPE.**

*Concrete and masonry will be downsized for handling and transportation using mechanical equipment approved by NYCDOB as part of the permitting process for deconstruction. Engineering controls will be used, in accordance with the Implementation Plan Section V.G, to control dust while the mechanical equipment is in operation.*

**19. Will debris chutes be used and where in the building will they be located?**

*This final decision has not been made yet. Debris chutes may be used but only if approved by NYCDOB. If used, debris chutes will be in the interior of the building but again this will require NYCDOB permits.*

**20. Is all plywood currently in use as barriers of any kind in the building fire-retardant?**

*No. But there are numerous fire control systems in the building to prevent the plywood from igniting. The contractor will apply a fire-retardant penetrant to non-fire-retardant plywood, will thoroughly wet all plywood during torch cutting and will use spark shields made of metal or other non-combustible materials to catch sparks and prevent them from landing on the plywood. Fire guards will be present on the floor where torch-cutting operations take place as well as on 5 floors below and each fire guard will be equipped with a hose that reaches the entire floor area. This has been clarified in the Implementation Plan Section V.D.12 and Section V.D.20.*

**21. Will residents and workers in the area be given advance notice that access at the intersection of Greenwich and Albany Sts. will be limited at times when scaffolding or plywood is being removed or deconstruction is underway on the southeast corner of the building?**

*Specific advance notice cannot be provided. But access will only be affected for limited amounts of times. There will always be flag persons assigned when access is going to be affected.*

**22. Please provide to the public protocols for testing of stained concrete slabs for possible contamination, including which contaminants are tested for, how the concrete slabs will be sampled, the number of samples and their location on or within the stained concrete, and the analytical methods used. What is the basis for**

**the assumption that only the surface of the stain area should be sampled? What are the criteria for acceptance for reuse as basement fill? Shouldn't all concrete be tested whether stained or not?**

*As per the Implementation Plan Section V.H.5, should the deconstruction subcontractor opt to use painted or stained concrete from the building as fill, it will submit a testing protocol to NYSDEC for its review and approval, conduct sampling in accordance with the approved protocol and submit sampling results to NYSDEC for approval before any such concrete is used as fill.*

*Additionally the contamination of concrete has been deemed surficial and therefore all contaminants have been removed during the decontamination process.*

**23. EPA recommends testing adjacent materials (bricks) for PCB migration into the Brick. Are you concerned that using PCB contaminated concrete as fill material could result in contamination of adjacent materials?**

*PCBs have not been identified on the above grade floors. Only concrete from those floors will be used for fill in the basement.*

**24. Final Implementation Plan should specify who is responsible for inspecting all equipment and "deeming" it safe for use on site.**

*The equipment will be inspected and deemed safe for use by a person designated by the deconstruction subcontractor and by the equipment operator for each activity. This has been clarified in the Implementation Plan Section V.E.2.*

**25. Final Implementation Plan should specify who is responsible for inspecting proof of training, prior to authorization of employees to operate equipment.**

*The deconstruction subcontractor is responsible for inspecting proof of training. This has been clarified in the Implementation Plan Section V.E.4.*

**26. Please include in Final Implementation Plan the Bovis plan "identifying measures to ensure that sufficient spotters are in place to watch hoisting operation and communicate with hoisting crew and flag persons."**

*The plan has not yet been submitted to NYCDOB for review. It will be submitted as part of the permitting process for deconstruction.*

**27. Please specify whether the tower crane will be eliminated for use in debris load out below the 10<sup>th</sup> floor. What will be the basis for that decision?**

*This decision has not yet been made. The final decision will be made by the contractor based upon field conditions. NYCDOB approval will be required for any change to crane operations.*

**28. Who is the engineer of Record for the Hoists and who is carrying out the maintenance?**

*During deconstruction, the north hoist will be the only hoist in operation. As described in the Implementation Plan Section V.E.6.b, Greg Blinn is the engineer of record for the hoist, while maintenance of the hoist is the responsibility of Bovis.*

**29. Should also require that all materials be sufficiently broken down before being put in the containers that they do not stick up or over the edge, and that they be lowered in a different manner if they can't fit within the confines of the container.**

*The NYCDOB-licensed rigger will ensure that materials loaded into the buckets do not stick up over the edge and that the buckets are not overloaded.*

**30. Why will the skip buckets not be tarped?**

*As discussed at the public hearing, the deconstruction subcontractor's Master Rigger has determined that tarping and netting is not advisable due to wind considerations.*

**31. Please state in Final Implementation Plan how demolition workers removing piping will be able to distinguish the standpipe from other pipes.**

*The standpipe is painted red and labeled as "Active Standpipe". Large floor plans with the exact location of the standpipe clearly marked on them will be posted for workers to see as they enter a work area.*

**32. Will workers operating the concrete crusher or hoses to control dust be required to wear respirators?**

*The United States Occupational Safety and Health Administration (OSHA) requirements determine which workers are required to wear respirators. Personal Protective Equipment (PPE) will be determined based on the results of an exposure assessment that will be performed for workers operating the concrete crushing machine or the hoses used*

*to control dust from the concrete crushing machine. This has been clarified in the Implementation Plan Section V.H.3.*

**33. How will air be monitored at and around concrete crushing and chute operations?**

*Air monitoring will be performed in accordance with the approved Ambient Air Monitoring Plan (AAMP) as described in the Deconstruction Plan.*

*The AAMP was developed after extensive coordination with the environmental regulators. The 130 Liberty Street Project is in full compliance with the AAMP. OSHA requirements will determine the need for supplemental localized air monitoring. Please visit our website for exact locations and materials being monitored [http://www.renewnyc.com/plan\\_des\\_dev/130liberty/air\\_monitoring\\_reference.asp](http://www.renewnyc.com/plan_des_dev/130liberty/air_monitoring_reference.asp)*

**34. Where will the concrete crusher be located and can temporary shed be created to house it?**

*The concrete crushing machine will be located first in the basement and then on the North Plaza. This has been clarified in the Implementation Plan Section V.H.3.*

*The concrete crushing machine will comply with the Noise Mitigation Plan, as approved by NYCDEP. The concrete crushing machine has an automatic mister that will facilitate dust suppression. Because of the need for equipment to get close to crushing operations it would be impossible to create a temporary shed.*

**35. I pass this building every morning and no matter what time, there are trucks idling on Albany Place between South End and West Street, Liberty Street, Church Street. Don't you think this contributes to the pollution problems downtown.**

*After looking into the situation described, it has been determined that these trucks are from other area projects, not the 130 Liberty Street Project. The Lower Manhattan Construction Command Center (LMCCC) coordinates construction enforcement efforts among various agencies, including NYCDOT, NYCDEP and the New York Police Department. LMDC has referred this complaint to LMCCC to be addressed.*

**36. The Plan states that crane operations will be "limited" if wind speeds exceed 30 mph. We question what "limited" means? The EHSP does not specify whether the reference is to sustained winds or to gusts. We believe that even if wind is just gusting to 20 mph or more, crane operations should be entirely suspended, not just "limited".**

*Crane operations will be suspended if sustained winds exceed 30mph, in accordance with NYCDOB regulations. This has been clarified in the EHSP Section 5.14.13.*

**37. Please Ensure that necessary fire prevention is in place, such as maintaining the standpipe system**

*Fire Prevention is an extremely important aspect of this project. We have installed a pressure alarm on the standpipe, are using fire retardant plywood where possible, have significant fire guard and fire watch during all torch cutting operations and have a continuous FDNY presence on the site.*

*With regard to the standpipe specifically, only a licensed plumber will be permitted to work on the standpipe. The licensed plumber will obtain a permit for the disassembly of the standpipe during deconstruction; will inspect the entire standpipe jointly with NYCDOB and FDNY after each segment is disassembled to ensure integrity of the standpipe has been maintained; and file certification with NYCDOB that the work has been completed and the standpipe is fit for use. This has been clarified in the Implementation Plan Section V.F.3.*

**38. Why is there no provision for neighborhood notification of any sort in the EHS for emergencies? Neighborhood notification and evacuation plans for neighbors should be in integral part of any emergency plan.**

*Neighborhood notification is covered in the Community Notification Plan, which is part of the Deconstruction Plan and is posted on the LMDC website:*

*<http://www.renewnyc.com/content/pdfs/130liberty/Feb2008DeconstructionPlan/AddendumSept2005Plan/Section3Addendum.pdf> (see appendix F)*

*When the owner is notified of an event, the owner will then implement the relevant sections of the Community Notification Plan. This has been clarified in the EHSP Section 6.1.2.*

**39. What will happen with the water that is used wet down the crushed concrete? Will there be a run off?**

*The majority of water will be absorbed by the concrete itself. Any remaining water will be dealt with by the buildings existing drainage system. Drainage will be consistent with federal, state and city regulations.*

**40. Where will the oxygen and acetylene tanks be stored?**

*The tanks will be removed from the building at the end of every day and stored in a secure location on the site.*

**41. NYC DOB should be involved in all decisions re: bracing of the building's foundation walls**

*Bracing requires a permit from NYCDOB. Drawings will be submitted to NYCDOB for their review and approval whenever a bracing permit is required.*