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Bovis Lend Lease/AMEC
WTC Disaster Recovery Project
Weekly Site EHS Meeting
AMEX Building, 26th Floor, Room 5

On January 8, 2002, Bruce Rottner, DDC EHS Director and Ray Master, BLL/AMEC EHS Director conducted the weekly site EHS meeting. The following items were discussed:

1. Site **EHS orientation training** is scheduled at 10:00 AM, 1:00 PM, 4:00 PM and 7:30 PM on Wednesday, January 9, 2002, American Express Building, 26th floor, Room 5. Reservations are not needed and all you need to do is just show up. As of Thursday, January 10, 2001, all personnel will be required to produce evidence of their respiratory fit test and a **site orientation badge**, in addition to the beige Site pass and photo ID badge.

2. The regularly scheduled EHS meeting will only be meeting one day per week, on Tuesday, 8:00 AM, 26th floor, room 5, American Express Building until further notice. Representatives from all site stakeholders (i.e., contractors, agencies, uniformed services, etc.) are requested to take note of the time changes.

3. There have been several instances wherein **heavy industrial equipment** has come in **contact with** personnel, who have been in **close proximity** to the operation. It is mandatory for all personnel **walking/working near equipment** to remain **50' feet** from the operations, to wear **reflective vests**, and to be **aware of their surroundings.**

4. **Fall protection** is an ongoing challenge. Exposure to fall hazards greater than 6 feet requires fall protection. Fall protection consists of physical barriers, guardrails, or personal fall arrest systems (i.e. full-body harness with shock absorbing lanyard). An evaluation of fall exposure on the site shall be conducted and finalized.

5. **Air sampling** is ongoing by both ATC/Liberty Mutual and by OSHA. A presentation is scheduled after this meeting by both Liberty Mutual and OSHA to **summarize air sampling results to date** project wide.

6. Workers engaged in **burning and cutting** operations are encouraged to use **work practice controls** such as **body positioning** in addition to respiratory protection to **avoid exposure**. Specifically, when burning, workers should avoid standing directly in or near the **smoke plume** and to request long handled torches to **increase the distance** from the potential exposure.

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7. Recent **noise exposure** sampling results indicate overexposure potential for **jack hammering, core drilling, concrete saw cutting**, and working in **near heavy equipment** operations. Workers are encouraged to wear hearing protection such as **earplugs**. In some instances, such as **jack hammering**, **double protection** (i.e., ear plugs and muffs) should be worn.

8. During the regularly scheduled **maintenance** of heavy industrial equipment, flatbeds, backhoes and dump trucks, it must be insured that the **back-up alarms** and **rear view mirrors** are in good working order. This is critical that operators have all the necessary **safety equipment** in place and working properly in order to assist them in identifying and avoiding pedestrian **struck-by hazards**.

9. **Personnel access** to the pit is tight and the construction site is continuing to shrink. Bruce Rottner reported that a method of ensuring **pedestrian routes** is becoming critically important. Everyone, including the operators when out of their equipment, should be wearing **reflective vests,** as well as other required PPE.

10. Bruce Rottner reemphasized that **Gators**, unless hauling equipment, are **not allowed** in the pit area. The discussion continued regarding the use of Gators off site. OEM recommended that Gators not be allowed to leave site. Jeff Tasca, BLL/AMEC reported that Gators were used to access Piers 6 and 25. Bruce Rottner of DDC stated that the convenience and privilege of driving Gators may be lost if not used appropriately.

11. In reference to **mercury levels,** Bruce Rottner expressed the need for qualified data and the presentation of such data. The EPA has ongoing sampling operations. Only two samples at grade level resulted in .1 and .4 PPM. OSHA has sampled for mercury and found only 1 result of .9 PPM west of Building 6. OSHA is awaiting the results from 87 samples and will report ASAP. Mike Smith, Shop Steward with Tully reported that ironworkers were doing an independent study. DDC continues to stress avoiding panic over rumors, which may not be the result of significant and qualified data. A request was made for a sampling at 90 Church.

12. Ray Master, BLL/AMEC reported that the **parking** on **West Street** would be lost in the very near future. West Street is being cleared for it's upcoming **opening** to vehicular traffic.

13. All contractors and other affected parties should be ready to address **inclement weather** and the impact of those conditions on safe project operations. DOS has been salting areas outside the site and may be including West Street. Liberty Mutual requested that DOS focus on all areas, including areas used by the Salvation Army. Bruce Rottner stressed that we all need to

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be **proactive** when it comes to salting. **Haul Road Safety, Bulletin 12,** is attached.

14. FDNY reports that new FDNY personnel are on site and currently proceeding through orientation and fit testing.

The next site EHS meeting will be held on January 15 at 8:00a.m. in Training Room 5, 26th Floor, AMEX Building.

Jim Abadie, BLL/AMEC
Principle in Charge

Ray Master, BLL/AMEC EHS Director

Attached:

(1) OSHA Sampling Results Summary As of 12/22
(2) Haul Road Safety, Bulletin 12

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