NYC 9/11 Public Portal Document

Environmental, Safety, and Health
WTC Daily Site Evaluation*
10/19/01

	Major Issues	Location	Disposition	Status
AMEC	Working under suspended loads – 15 picks of 15+ tons 60% swinging over individuals.	All areas	Reviewed with contractors at 8:00am ES&H meeting and 9:00am contractor's meeting.	NEW
	AMEC/OSHA/Bechtel conducted rigging inspections 50 chokers and slings taken out of service. 2 questionable slings left in service and down graded in capacity.	AMEC area	AMEC/OSHA/Bechtel/DDC had follow up meeting this morning and AMEC to purchase new slings and chokers.	NEW
BOVIS	Grace backhoe backed into kerosene drums; several drums knocked over but no ruptures or spills.		All drums were removed by FDNY and EPA.	COMP
	Inappropriate storage of flammable liquids.	Near WTC 2	Bovis removed flammable liquids to proper storage area.	COMP
	Inconsistent use of proper PPE (e.g., hearing protections, safety glasses, respiratory protection).	WTC 2	Met with Bovis safety rep. to discuss corrective action plan.	OPEN
	Bovis employee slipped on pile.	WTC 2	Employee suffered lacerations to legs. Treated by DMAT and returned to work.	NEW
	6 ~~Bovis~~ AMEC Ironworkers cutting beam.	WTC 6	Beam dropped causing Ironworkers to jump out of the way causing one to suffer a twisted left knee.	NEW
	Inadequate barricading.	WTC 2 South side	Discussed with Bovis safety rep.	NEW
	Dust suppression.	WTC 2	Excellent job of watering and keeping dust down.	NEW
TULLY	Inadequate load spotting during lifting.	Yellow crane near FS #10	Tully assigned full time spotters for each piece of equipment.	COMP
	Improper excavation access and egress.	North of WTC 4, by Church	Discussed with contractor's safety rep.	OPEN
	Lack of flash arrestors on cutting torches.	Various locations	Tully ordered flash arrestors and will place them on connection one they come in.	OPEN
	Barricades around excavations and open holes need improvement.	Various locations	Discussed with contractor's safety rep.; some improvements noted.	OPEN
	Gas cylinders improperly stored.	Various locations	Contractor's safety rep. was informed.	OPEN
	Inconsistent use of proper PPE (e.g., safety glasses, respirators).	All areas	Discussed with contractor's safety personnel.	OPEN
	Inadequate traffic control.	Greenwich & Liberty	Discussed with Tully safety rep., added extra flagman.	NEW
	Inadequate dust suppression.	Tully	Discussed with Tully safety rep.	NEW
TURNER	Torch cutting too close to oxygen tube trailer.	WTC 7	Safety zone increased to 25 ft. around oxygen tube trailers.	COMP
	Crane operator lifting loads over personnel.	Crane 888	Operator instructed not to swing loads over personnel.	COMP
	Diesel fuel tanks not grounded or posted.	Barclay St.	Fuel tanks grounded.	COMP
	Gas cylinders improperly secured and stored.	WTC 7	Met with Seasons safety rep. to discuss corrective action plan.	OPEN
	Operators eating and drinking on rubble pile.	Rubble pile	Met with Seasons safety rep. to discuss corrective action plan.	OPEN
	Lack of flash arrestors on cutting torches.	Various locations	Turner ordered flash arrestors and will place them on connection one they come in.	OPEN
	Inconsistent use of proper PPE, particularly respiratory protection on pile.	WTC 7	Met with Seasons safety rep. to discuss corrective action plan.	OPEN
	Bobcats and gators driving across oxygen and acetylene hoses.	WTC 7	Discussed with Seasons safety rep.	NEW
	Employees walking beneath loaded excavators.	WTC 7	Discussed with Seasons safety rep.	NEW
	Two man-baskets with torch cutting gear suspended over personnel.	WTC 7	Discussed with Seasons safety rep.	NEW
	Dust suppression.	WTC 7	Excellent job of watering and keeping dust down.	NEW

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OTHERS	Summary report on management of petroleum products.	All zones	Tim Dowd, Bechtel, will report out findings on 10/19/01.	COMP
	Need to improve process for safety review/coordination of contractor demo. plans.	All zones	Discussed at 8:00am ES&H meeting and 9:00am Contractors meeting. Contractors will provide demo plans to Bob Adams, DDC/Rob Jones, Bechtel prior to doing any demolition work.	OPEN
	Unauthorized personnel walking and private vehicles driving through work areas.	All zones	Unauthorized personnel and private vehicles should not be allowed in work areas.	OPEN
	Food and water still being brought to pile.	Various locations	Discussed with persons bringing the food and water.	OPEN
	Gas cylinders not segregated.	Various locations	Discussed with contractor's respective safety reps.	OPEN
	Gators and other small vehicles still going excessive speeds; also should have flags, lights, etc. to increase visibility.	All zones	All organizations on site should be required to operate vehicles safe and maintain speeds below 10 mph within work areas.	OPEN
	Crane setup and operating deficiencies as noted on report of 10/9/01.	All zones	Bechtel/Liberty Mutual/OSHA/Prime Contractors working to correct deficiencies.	IN PROC
	Large number of NYPD spectators near pile without proper PPE.	All zones	Request assistance from NYPD to comply with safety requirements.	OPEN
	Traffic control is congested and speeding continues.	AMEC entrance	Discussed with all contractor reps.	OPEN
	NYPD Gators delivering coffee and snacks to NYPD Officers stationed around or near the pile.	All areas	Need letter from NYPD WTC Site Commander directing this practice to cease.	OPEN
	Wooden shack constructed at Barclay and Greenwich by Verizon which is in the way of heavy equipment movement, all trucks, other vehicles and pedestrians.	WTC 7	Discussed with Verizon. No action taken. Followed up with letter to Bob Adams, DDC for follow up action.	OPEN
	American Red Cross volunteers walking near pile by Church and Liberty. No PPE.	Church and Liberty	Asked them to please leave area, and they did.	COMP
	Fire barrels observed around site.	Barclay & W. Broadway and Greenwich & Barclay and Albany & West and West St. at closest road block to site.	FDNY contacted and fire barrels were allowed to burn out.	NEW
	7 NYPD Officers and guests on plaza level near cave-in.	Plaza level between WTC 4 & 5.	No PPE. When asked to leave area their response was "when we feel like it."	NEW
	4 Federal Agents on WTC 6 pile without PPE.	WTC 6 pile.	Discussed with agents and they left area.	NEW
	2 US Customs Officers standing around WTC 6 without PPE.	WTC 6	Discussed with Customs Officers and they left area.	NEW
	Personal (worker) exposure monitoring: 10 asbestos (PCM), 12 lead, 2 carbon monoxide, 9 metals (ICAP), and 2 respirable silicas; all below PELs. 1 Lead 113 $\mu g/m^3$.	Various workers	Will continue sampling.	NEW

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