



National Institute of
Environmental Health Sciences

Fall Awardee Meeting and Workshop

September 19–21, 2016
Research Triangle Park, North Carolina

Integration of HAZWOPER Model with environmental Services.

A partnership between **LIUNA** and
NYC Environmental Contractors.

September 21, 2016

Who we are:

- Joint Labor-Management Training Trust Fund—Est.1969
- Training Arm of LIUNA
- Services 70+ Affiliated Training Centers in the US and Canada
- Roughly 160,000 workers trained per year



Leader in Industry Training and Education

- Worker Training since 1969 in Construction, Safety, Environmental, Supervisory, and Apprenticeship
- Worker, Supervisor and refresher in Asbestos, Lead, Haz Waste, Radiological, Nuclear, and Microbial Training
- On the ground in response to natural and manmade disasters - Anthrax, Space Shuttle, Oil Spills, 9/11, Katrina, Wilma, Sandy
- NIEHS Grantee since 1986. Other grant training OSHA, DO-Energy, DOD, DO-ED, EPA



Environmental Contractors Association of NYC

Association of 50 contractors founded in 1996.

Area of Expertise:

- Hazardous materials removal
- Emergency response
- Asbestos removal
- Infectious clean up
- Oil, sewage and chemical spills
- Brownfields
- Contaminated water



For more info go to <http://www.ecanyc.org>

Labor-Management Partnership

Environmental Contractors Association of NYC



Mason Tenders Training Fund



LIUNA Training

The Ebola Outbreak

- The Thomas Duncan case in Dallas, Texas
- Dr. Craig Spencer or the 5 year old boy's case at Bellevue hospital in NY
- Dr. Kent Brantly and Nancy Writebol cases hospital in Atlanta



Ebola Training Response

Rapid response needed to develop English and Spanish training material and target 34 experienced workers.

Utilized Hazardous Waste remediation and decontamination processes and adapted CDC, OSHA, DOT and WHO guidelines including:

- PPE for healthcare workers and WHO's PPE rapid advice guidelines
- 29 CFR 1910.1030 Blood borne pathogens OSHA regulations; OSHA's cleaning and decontamination of Ebola's guidance
- DOT guidance for preparing packages of Ebola contaminated waste for transportation and disposal

Ebola Training Response

Proactive and Protective cleanup procedures

- Introduction to Ebola:
 - Historical background - Documented Cases – Transmission
 - Symptoms – Incubation - Treatment
- Setting up engineering controls
- PPE(for proactive & protective)
- Requirements for workers in biological cleanup
- Types of cleaning to handle
- Steps to follow during and after cleanup
- Decontamination corridor
- Decontamination steps



LIUNA HWW Training in Azusa, CA 9/2016

For more information
liunatraining.org