

Public Health Response to Chemical Terrorism and Chemical Emergencies

One-day training for Environmental and other Public Health Professionals

August 23 and 25, 2005

Core Competencies and Course Objectives

Core Competencies

Describe the public health role in emergency response in a range of chemical emergencies that might arise.

Identify limits to own knowledge, skill, and authority and identify key system resources for referring matters that exceed these limits.

Recognize unusual events that might indicate a chemical emergency and describe appropriate action.

Describe his/her functional role(s) in a chemical emergency response and demonstrate his/her role(s) in a drill

Apply creative problem solving and flexible thinking to unusual challenges within his/her functional responsibilities and evaluate effectiveness of all actions taken.

Course Objectives

At the completion of this course, the participant will be able to:

1. Describe the roles and responsibilities of public health in an accidental or intentional chemical emergency event.
2. Describe the environmental health professional's roles in a chemical emergency event.
3. List the priority issues that Environmental Health professionals will be expected to address during response and recovery from a chemical emergency event, with specific emphasis on food and water events
4. Identify and locate key reference materials on chemical terrorism agents and toxic industrial chemicals
5. Identify other agencies responsible for preparing and responding to a chemical emergency event and understand their roles.
6. Demonstrate knowledge of the fundamentals of environmental health response to a chemical emergency event by working through test scenarios related to food and water.