United States
Environmental Protection
Agency

Office of Emergency and
Remedial Response
Washington, DC 20460

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August 1996

Superfund

Environmental Response Training Program

Schedule of Courses

September 1, 1996 – September 30, 1997

ENVIRONMENTAL RESPONSE TRAINING PROGRAM

The Office of Emergency and Remedial Response (OERR) is responsible for the U.S. Environmental Protection Agency's (EPA) program for protecting the public and the environment from releases or potential releases of hazardous materials. Releases can result from accidents and discharges at facilities where chemicals are handled or disposed of. Releases of hazardous materials may require an immediate response by government officials to control the incident. In addition, extensive investigation and restoration actions that extend over a long period of time may be required.

As part of EPA's comprehensive program for protecting the public and the environment from hazardous materials, the Emergency Response Division of OERR has developed the Environmental Response Training Program (ERTP). The courses in this program are designed for personnel who respond to emergencies or who investigate and clean up abandoned hazardous waste sites. Training is provided in safety and health as well as in the various technical operations needed to identify, evaluate, and control hazardous substances that have been released.

The courses developed by EPA's Environmental Response Team, and presented by contract personnel, last from 1–5 days. These courses emphasize the practical application of lecture material through problem-solving sessions, case studies, demonstrations, and exercises using field instruments. Participants are provided with fundamental information about the subject of the course. Complemented by work experience and individual effort, the courses provide a foundation upon which individuals can further refine and develop their own knowledge and skills in a variety of response activities.

Project Officer:
Bruce Potoka
Environmental Response Training Program
U.S. Environmental Protection Agency
26 W. Martin Luther King Drive (B-3)
Cincinnati, OH 45268
513 569-7537

CONTENTS

REGISTRATION INFORMATION

Applying for Courses

Application to attend any of the ERTP training courses should be made as early as possible. Applicants should read the course description to determine whether it fits their needs and whether there are any prerequisites for the course. An "Application for Training" form must be completed in its entirety; letters only will not suffice for course registration. Applications to attend or inquiries concerning the availability of space in ERTP courses should be directed to:

Training Registrar
U.S. EPA Environmental Response Training Program
3280 River Road
Cincinnati, OH 45204

513 251-7776 or 513 251-7669 (8:00 a.m. to 5:00 p.m. Eastern time)

FAX: 513 251-4137

Registration for courses being held in EPA Regions 1 and 6 is handled by the Regional Training Contacts. Applications and requests for information concerning courses being held in those regions should be sent directly to the Regional Training Contact:

Region 1:
Pauline Callahan
U.S. EPA Region 1 (PHD)
JFK Federal Bulding
Boston, MA 02203
617 565-3624
FAX: 617 565-3736

Region 6:
Rosemary Henderson
U.S. EPA Region 6
1445 Ross Avenue, 10th Floor
Dallas, TX 75202-2733
214 665-2293
FAX: 214 665-7447

The selection of students for EPA courses is made **6 weeks prior to the starting date of the course.** Make sure applications are either faxed or mailed to the Training Registrar's office prior to the date the selections are made so they will be included in the pool of applications. After the selections are made, students who are accepted into a class will receive an acceptance letter and information relative to attending the course. Students who are **not** selected will receive a notification letter and can notify the Training Registrar if they would like to be placed on a waiting list for the course.

Employees from EPA, other federal agencies, state and local government are given first priority to attend ERTP courses. Applications from private sector employees are considered on a space-available basis.

Students must be notified of their acceptance before attending any ERTP course. Walk-ins who have not been notified of their acceptance will be asked to leave.

Note: If a student is accepted for a course, but is unable to attend, the Training Registrar must be notified immediately in order to notify applicants from the waiting list. Failure to notify the registrar prior to the starting date of the course will jeopardize an applicant's chances to attend future courses.

Applicants who are External Providers, Superfund contractors, or members of state or local emergency planning commissions (SEPC/LEPC) must indicate this information on their application, not just in a cover letter or on a fax transmittal sheet (the latter are often separated from the applications for processing).

Course Locations

ERTP courses are offered in each EPA region and at the Environmental Response Training Centers located in Cincinnati, Ohio, and Edison, New Jersey. The courses offered in each region and at each training center are listed in the course catalog.

City and state locations for courses are determined by the Regional Training Contacts. These locations are generally not arranged before the *Schedule of Courses* is printed, and courses are rarely held at the Regional Training Contact's office. Contact the Training Registrar's office for course locations (for courses in Regions 1 and 6, contact the Regional Training Contact directly).

Class Attendance

ERTP courses are used to meet certain regulatory or educational requirements. Therefore, students are required to attend full-time. Students who miss any session of a course will not be awarded a course certificate of completion.

Tuition

Personnel from EPA, other federal agencies, and state and local government **do not pay tuition** for ERTP courses. Tuition for university staff, community Haz Mat teams, and students is also waived. Personnel not directly employed by a government agency (e.g., private industry, contractor, or unemployed) pay tuition according to the fee schedule listed below. Checks should be made payable to the U.S. Environmental Protection Agency and must be received at least 2 weeks prior to the course. **Do not send checks with applications**; wait until receiving an acceptance letter from the Training Registrar before making payment. Write the name of the student, name of course, and date and location of course on the check and mail to:

Environmental Response Training Program
U.S. Environmental Protection Agency
Attn: Hermina Williams
26 W. Martin Luther King Drive (B-3)
Cincinnati, OH 45268

Fee Schedule

Treatment Technologies for Superfund (165.3)	$400.00
Air Monitoring for Hazardous Materials (165.4)	$500.00
Hazardous Materials Incident Response Operations (165.5)	$800.00
Risk Assessment Guidance for Superfund (165.6)	$500.00
Introduction to Groundwater Investigations (165.7)	$400.00
Safety and Health Decision-Making for Managers (165.8)	$400.00
Sampling for Hazardous Materials (165.9)	$500.00
Radiation Safety at Superfund Sites (165.11)	$500.00
Emergency Response to Hazardous Material Incidents (165.15)	$800.00
Inland Oil Spills (165.18)	$800.00
Chemical Safety Audits (165.19)	$500.00

Credit for Attending Courses

The successful completion of ERTP courses allows participants to receive credit that can be used to advance their professional careers. The types of credit available are:

CONTINUING EDUCATION UNIT (CEU)

Organizations using the criteria established by the Council on Continuing Education may award Continuing Education Units (CEUs) for their training courses. CEUs are a means whereby qualified, noncredit granting organizations are provided a uniform and standardized system for measuring their courses. CEUs are used by students to demonstrate their continuing interest in life-long learning and education. Each course description lists the CEUs associated with the course.

AMERICAN BOARD OF INDUSTRIAL HYGIENE (ABIH)

The American Board of Industrial Hygiene, after evaluating an organization's training courses, may award ABIH Certification Maintenance Credits for industrial hygiene-related courses. ABIH credits are used by industrial hygienists to demonstrate their continuing education activities in their field. Each course description lists the ABIH credits associated with the course.

TREATMENT TECHNOLOGIES FOR SUPERFUND (165.3)
4 Days

This introductory-level course provides participants with an overview of the treatment technologies most frequently used for cleanups at uncontrolled waste sites. The emphasis of the course is on the technology, description, applicability, and limitations of appropriate treatment technologies, rather than on the design of such systems. It is intended for new on-scene coordinators, remedial project managers, waste site managers, and other personnel interested in treatment technologies.

Topics that are discussed include chemical and physical characteristics, general response actions, technology screening, bulking, groundwater treatment, separation techniques, soil vapor extraction, air and steam stripping, carbon adsorption, inorganic treatment, biological treatment units, thermal treatment units, immobilization, and emerging treatment technologies.

Training methods include lectures and group problem-solving exercises. Case studies are used to demonstrate applications of the treatment technologies. Group discussions relevant to the course are encouraged.

After completing the course, participants will be able to:

- Describe the purpose of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA).
- Identify the processes and explain the limitations of the most frequently used treatment technologies.
- Identify references that describe emerging treatment technologies.

Note: *Calculators are recommended.*

Continuing Education Units: 2.25

Course Dates and Locations

1996

September 10–13	Region 10	November 5–8	Cincinnati, Ohio
September 24–27	Region 4	November 19–22	Region 8
October 8–11	Region 6	December 3–6	Region 10
October 22–25	Region 3	December 17–20	Region 1

1997

January 7–10	Edison, New Jersey	June 10–13	Region 9
January 28–31	Region 2	June 24–27	Region 5
February 11–14	Region 4	July 8–11	Region 2
February 25–28	Region 5	July 22–25	Region 8
March 18–21	Region 9	August 5–8	Region 10
April 8–11	Region 6	August 19–22	Region 4
April 22–25	Region 3	August 26–29	Cincinnati, Ohio
May 6–9	Region 7		

AIR MONITORING FOR HAZARDOUS MATERIALS (165.4)
5 Days

This course instructs participants in the practices and procedures for monitoring and sampling airborne hazardous materials. It is designed for personnel who evaluate releases of airborne hazardous materials at hazardous waste sites or accidental hazardous material releases. Evaluation of worker exposure to these releases is emphasized.

Topics that are discussed include air monitoring and sampling programs, air monitoring and sampling techniques, air monitoring and sampling equipment, instrument calibration, exposure guidelines, air dispersion modeling, and health and safety considerations. The course will include operating procedures for specific air monitoring and sampling equipment, as well as strategies for air monitoring and sampling at abandoned hazardous waste sites and for accidental releases of hazardous chemicals.

Instructional methods include a combination of lectures, group discussions, problem-solving sessions, and laboratory and field exercises with hands-on use of instruments.

After completing the course, participants will be able to:

- Properly use the following types of air monitoring and sampling equipment:
  - Combustible gas indicators
  - Oxygen monitors
  - Detector tubes
  - Toxic gas monitors
  - Photoionization detectors
  - Flame ionization detectors
  - Gas chromatographs
  - Sampling pumps and collection media
  - Direct-reading aerosol monitors.
- Identify the operational parameters, limitations, and data interpretation requirements for the instruments listed above.
- Identify the factors to be considered in the development of air monitoring and sampling plans.
- Discuss the use of air monitoring data for the establishment of personnel and operations health and safety requirements.

Note: *Calculators are recommended.*

Continuing Education Units: 2.95
ABIH Certification Maintenance points: 4.0

Course Dates and Locations

1996

September 9–13	Region 1	November 4–8	Region 4
September 30–October 4	Region 3	December 9–13	Region 8

1997

January 13–17	Region 7	June 2–6	Region 10
February 10–14	Region 5	June 23–27	Region 6
March 3–7	Region 2	July 21–25	Region 1
April 14–18	Region 9	August 18–22	Edison, New Jersey
May 19–23	Cincinnati, Ohio		

HAZARDOUS MATERIALS INCIDENT RESPONSE OPERATIONS (165.5)
5 Days

This course is designed for personnel involved with the investigation and remediation of uncontrolled hazardous waste sites and, to a lesser extent, response to an accident involving hazardous materials. It provides basic information needed to meet the requirements of 29 CFR 1910.120 (Hazardous Waste Operations and Emergency Response).

After completing the course, participants will be able to:

- Identify methods and procedures for recognizing, evaluating, and controlling hazardous substances.
- Identify concepts, principles, and guidelines to properly protect site or response personnel.
- Discuss regulations and action levels to ensure health and safety of the workers.
- Discuss fundamentals needed to develop organizational structure and standard operating procedures.
- Select and use dermal and respiratory protective equipment.
- Demonstrate the use, calibration, and limitations of direct-reading air monitoring instruments.

After completing this course, participants will be more knowledgeable in hazardous waste operations, team functions, personnel health and safety procedures, and operation of field monitoring equipment.

In some segments of the course, participants are required to wear respiratory equipment, which precludes wearing eyeglasses. Individuals who are severely restricted without their glasses should be aware that their participation may be limited unless they have their own spectacle kit or spectacle-equipped respirator facepiece. During some exercises, participants are required to wear chemical protective clothing, which may be stressful to certain individuals. Participation in these exercises is not required, but attendance is required. Individuals who are not currently participating in a medical surveillance program should consult their physician before attending this course.

Note: *This course meets the U.S. Occupational Safety and Health Administration's requirement (29 CFR 1910.120) of a minimum of 40 hours of classroom safety training for hazardous waste site workers.*

Continuing Education Units: 3.8
ABIH Certification Maintenance points: 4.5

Course Dates and Locations

1996

September 9-13	Region 10	September 16-20	Cincinnati, Ohio
September 9-13	Edison, New Jersey	September 23-27	Region 8

Hazardous Materials Incident Response Operations (cont.)

1996 (cont.)

September 30–October 4	Edison, New Jersey	October 28–November 1	Edison, New Jersey
October 7–11	Cincinnati, Ohio	November 4–8	Region 3
October 7–11	Region 2	November 18–22	Region 8
October 21–25	Region 1	December 2–6	Edison, New Jersey
October 28–November 1	Cincinnati, Ohio	December 9–13	Region 7

1997

January 6–10	Cincinnati, Ohio	May 5–9	Region 5
January 13–17	Region 6	May 12–16	Cincinnati, Ohio
January 27–31	Cincinnati, Ohio	May 19–23	Region 2
January 27–31	Region 4	June 2–6	Region 4
February 3–7	Edison, New Jersey	June 9–13	Edison, New Jersey
February 10–14	Region 9	June 16–20	Region 10
February 24–28	Region 10	June 23–27	Cincinnati, Ohio
March 3–7	Cincinnati, Ohio	July 7–11	Cincinnati, Ohio
March 10–14	Region 7	July 7–11	Region 8
March 17–21	Edison, New Jersey	July 14–18	Edison, New Jersey
April 7–11	Edison, New Jersey	July 21–25	Region 9
April 7–11	Region 3	July 28–August 1	Cincinnati, Ohio
April 14–18	Cincinnati, Ohio	August 4–8	Region 1
April 21–25	Region 6	August 11–15	Edison, New Jersey
April 28–May 2	Edison, New Jersey	August 18–22	Region 5

RISK ASSESSMENT GUIDANCE FOR SUPERFUND (165.6)
4 Days

This course provides participants with the fundamentals of human health and ecological risk assessment as applied to the Superfund cleanup process. The course, as stated in the U.S. Environmental Protection Agency's (EPA) Superfund Risk Assessment Guidance Manual, is specifically designed for Superfund risk assessors, risk assessment reviewers, remedial project managers, and risk managers. The course is based on the following EPA documents: *Risk Assessment Guidance for Superfund: Volume I - Human Health Evaluation Manual (Parts A, B, and C), Risk Assessment Guidance for Superfund: Volume II - Environmental Evaluation Manual*, and *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments*.

The risk assessment process is presented in three stages: baseline risk assessment, development of preliminary remediation goals, and evaluation of cleanup alternatives. In addition, the following topics are discussed: applicable statutes, regulations, and guidance; data collection and evaluation; exposure assessment; toxicity assessment; risk characterization; principles of ecological assessment; ecological assessment methods; and toxicity testing. Current technical and information resources will also be discussed.

Instructional methods include lectures, class discussions, and group exercises. In addition, a case study will be used throughout the course to demonstrate the practical applications of the risk assessment guidance.

After completing this course, participants will be able to:

- Identify the applicable statutes, regulations, and guidance pertinent to human health and ecological risk assessments under Superfund.
- Describe each of the four steps of the baseline risk assessment process.
- Identify and describe ecological assessment methods used to evaluate the effects of contaminants on the ecosystem.
- Perform a baseline risk assessment and an ecological assessment using EPA's risk assessment guidance documents.

Note: Calculators are highly recommended.

Continuing Education Units: 2.4
ABIH Certification Maintenance points: 3.5

Course Dates and Locations

1996

September 17-20	Region 4	November 5-8	Region 10
October 8-11	Region 2	December 3-6	Cincinnati, Ohio
October 22-25	Edison, New Jersey		

1997

January 14–17	Region 9	April 29–May 2	Region 8
January 28–31	Region 7	June 17–20	Region 5
March 11–14	Region 6	July 15–18	Region 4
April 1–4	Region 3	August 12–15	Region 1

INTRODUCTION TO GROUNDWATER INVESTIGATIONS (165.7)
3 Days

This introductory course is designed to provide participants with information concerning hydrogeological processes and the necessary elements of a sound groundwater site investigation. It is intended for personnel who are involved in groundwater contamination investigations but have **little prior hydrogeological experience**. This course is **not** designed for geologists or hydrogeologists.

Topics that are discussed include hydrogeological definitions and concepts; rock cycle; soil formation; depositional environments; geochemistry; geophysics; drilling, construction, and placement of monitoring wells; groundwater sampling considerations; and groundwater modeling.

Instructional methods include lectures, group discussions, case studies, and class problem-solving exercises.

After completing the course, participants will be able to:

- Identify the components of a groundwater system.
- List the primary hydrogeological parameters to be considered in a site investigation.
- Construct a flow net and calculate the hydraulic gradient at a site.
- Discuss the primary advantages and disadvantages of the most common geophysical survey methods.
- Identify geochemical profiles in contaminated groundwater.
- Identify the different types of pumping tests and the information that can be obtained from each.
- Describe monitoring well drilling and sampling techniques.

Note: *Scientific calculators are required.*

Continuing Education Units: 1.9

Course Dates and Locations

1996

October 16-18	Region 6	December 10-12	Region 2
November 13-15	Region 3		

1997

January 22–24	Edison, New Jersey	May 6–8	Region 8
February 19–21	Cincinnati, Ohio	June 17–19	Region 1
March 11–13	Region 9	July 15–17	Region 10
March 25–27	Region 4	July 29–31	Cincinnati, Ohio
April 8–10	Region 5		

SAFETY AND HEALTH DECISION-MAKING FOR MANAGERS (165.8)
3 Days

This is an advanced safety course for personnel who develop, manage, or supervise health and safety programs for employees working at hazardous waste sites or treatment, storage, and disposal facilities. The course focuses on U.S. Occupational Safety and Health Administration (OSHA) and U.S. Environmental Protection Agency (EPA) regulations and guidelines for establishing a program to protect the health and safety of hazardous waste workers. It compliments other EPA basic safety courses and provides participants with information about the specific requirements and recommendations for developing and implementing a worker health and safety program.

Participants in the course are expected to be knowledgeable in basic personnel protection, safety, and response operations. At a minimum, participants must have attended a basic 40-hour health and safety course such as *Personnel Protection and Safety (165.2)*, *Hazardous Materials Incident Response Operations (165.5)*, or similar courses.

Instructional methods include lectures, group problem-solving exercises, and classroom discussions. Topics that are discussed include the required elements of a health and safety plan, such as medical surveillance, safety and health training, various federal regulations and compliance/consensus standards, hazard and risk analysis, standard operating safety procedures, personal protective equipment, and air monitoring/sampling.

After completing the course, participants will be able to:

- Identify sections of 29 CFR 1910.120 that relate to operations at hazardous waste sites.
- Identify regulations/consensus standards and guidelines developed by OSHA, EPA, National Institute of Occupational Safety and Health (NIOSH), American National Standards Institute (ANSI), and National Fire Protection Association (NFPA) that pertain to personnel engaged in field operations.
- Develop a site safety plan that includes medical monitoring, training requirements, air surveillance strategies, personal protective equipment, and emergency evacuation plans.
- Conduct an audit of a health and safety plan (HASP) using the EPA's health and safety audit guidelines.
- Identify some computer software programs available through EPA that will aid in the development of the HASP.

Note: *This course meets and exceeds OSHA's requirement [29 CFR 1910.120(e)(4)] of a minimum of 8 hours of additional specialized training for supervisors of hazardous waste workers.*

Continuing Education Units: 1.65
ABIH Certification Maintenance points: 1.0

Safety and Health Decision-Making for Managers (cont.)

Course Dates and Locations

1996

September 10–12	Richland, WA	November 13–15	Region 10
September 24–26	Region 3	December 10–12	Region 1
October 16–18	Region 4		

1997

January 22–24	Region 5	May 6–8	Cincinnati, Ohio
February 19–21	Region 3	June 10–12	Region 8
March 25–27	Region 2	July 29–31	Edison, New Jersey
April 22–24	Region 9	August 12–14	Region 6

SAMPLING FOR HAZARDOUS MATERIALS (165.9)
3 Days

This course provides individuals who have little or no sampling experience with practical information for effectively sampling hazardous materials at Superfund sites. The course focuses on sampling plan development, types of equipment suitable for hazardous materials sampling, and procedures for safely collecting samples. It is intended for personnel responsible for inspections, investigations, and remedial actions at Superfund sites. Air sampling is specifically addressed in *Air Monitoring for Hazardous Materials (165.4)* and is not discussed in this course.

The course is designed to be consistent with the EPA protocol and guidance documents entitled *A Compendium of Superfund Field Operations Methods* and *Data Quality Objectives for Remedial Response Activities*.

Topics that are discussed include sample plan development; procedures for sampling containerized materials, surface water/lagoons, sediments/sludges, and soil; soil gas sampling; field screening techniques; documentation; and quality assurance considerations.

Instructional methods include lectures, group discussions, demonstrations, classroom exercises, and outdoor field exercises with emphasis on the hands-on use of multimedia sampling equipment.

After completing the course, participants will be able to:

- Select the appropriate field screening method for a given contaminant and geologic environment.
- Select the appropriate sampling container and sample preservation method based on the sample media and analysis required.
- Select the appropriate sampling implements and methods for sampling various containerized wastes.
- Select the appropriate tools and methods for sampling surface water and sediments.
- Describe the basic methods of soil sampling in the unsaturated zone.
- Demonstrate the proper method for obtaining a groundwater sample from a monitoring well.
- Complete the required documentation including chain of custody and sample labels, for shipment of environmental samples to an analytical laboratory.
- Complete fundamental tasks in a sampling event from initial site investigation through field data collection.

Continuing Education Units: 2.0

Course Dates and Locations

1996

September 10–12	Region 8	November 13–15	Region 1
September 24–26	Region 10	December 3–5	Region 7
October 16–18	Region 3	December 17–19	Region 2
October 29–31	Region 9		

1997

January 7–9	Region 6	April 29–May 1	Region 9
January 22–24	Cincinnati, Ohio	May 13–15	Region 6
February 4–6	Region 8	June 3–5	Region 1
February 19–21	Edison, New Jersey	June 17–19	Region 2
March 4–6	Region 5	July 8–10	Region 5
March 18–20	Region 3	July 22–24	Region 10
April 1–3	Region 10	August 5–7	Region 8
April 15–17	Region 7	August 26–28	Cincinnati, Ohio

RADIATION SAFETY AT SUPERFUND SITES (165.11)
5 Days

This basic radiation safety course is designed for individuals who may 1) encounter radioactive materials in the course of their work or 2) become involved with the regulatory oversight of a location contaminated with radioactive materials. The course provides participants with an understanding of the fundamental principles of radiation safety, with emphasis placed on radiation detection instrumentation and contamination control work practices.

Topics that are discussed include types of radiation and methods of interaction, biological effects, radiation detection and instrumentation, methods of contamination control and decontamination, transportation regulations, and remedial and disposal options.

Instructional methods include lectures, class problem-solving sessions, and exercises that emphasize the hands-on use of equipment and the practical application of lecture material.

After completing the course, participants will be able to:

- Detect the presence of radioactive materials while performing investigations at hazardous waste sites.
- Implement methods of radiation exposure reduction and contamination control under the guidance of health physics personnel.
- Identify regulations concerning area posting, exposure limits and reporting, transportation requirements, and release limits.
- Propose options for remediation and disposal of radioactive materials.

Continuing Education Units: 2.95
ABIH Certification Maintenance points: 4.0

Course Dates and Locations

1996

September 30–October 4	Region 4	December 9–13	Region 9
November 18–22	Region 2		

1997

January 13–17	Region 10	May 19–23	Edison, New Jersey
February 3–7	Region 6	June 9–13	Cincinnati, Ohio
March 10–14	Region 8	July 14–18	Region 3

HEALTH AND SAFETY PLAN WORKSHOP (165.12)
1 Day

This course provides participants with guidance in using the U.S. Environmental Protection Agency's (EPA) Health and Safety Plan (HASP) software to develop site-specific health and safety plans in compliance with 29 CFR 1910.120 and 40 CFR 311.

The course is intended for personnel responsible for developing site-specific health and safety plans at uncontrolled hazardous waste sites and for extended emergency response operations.

Instructional methods include lectures interspersed with hands-on use of computers to input information needed for the decision-making process that is required for developing health and safety plans. Exercises include developing a site-specific plan for a composite site.

Topics that are discussed include an overview of the Occupational Safety and Health Administration (OSHA) and EPA Hazardous Waste Operations and Emergency Response (HAZWOPER) standard and the requirements of a health and safety plan; HASP development, system requirements, and installation; creating and consulting site files; accessing data from EPA's Environmental Response Team's (EPA-ERT) Bulletin Board System; and creating, editing, and auditing a site-specific health and safety plan.

Note: *This course is only given upon request of EPA's Regional Office or by special arrangement with other organizations.*

Continuing Education Units: 0.5

EMERGENCY RESPONSE TO HAZARDOUS MATERIAL INCIDENTS (165.15) 5 Days

This course provides emergency response personnel, primarily firefighters, police officers, and emergency medical services personnel, with the information and skills needed to recognize, evaluate, and control an incident involving the release or potential release of hazardous materials. It is intended for members of hazardous materials response teams.

The focus of the course is on recognizing and evaluating a hazardous materials incident, organizing the response team, protecting response personnel, identifying and using response resources, implementing basic control measures, refining decision-making skills, and protecting the public. Firefighting techniques are not part of the course.

Topics that are discussed include chemical and physical properties of hazardous materials, toxicology, recognition and identification of hazardous materials, direct-reading instruments, standard operating procedures, personnel protection and safety, and sources of information.

Instructional methods used are lectures, class problem-solving sessions, and exercises. Emphasis is on the hands-on use of equipment to practically apply lecture information. Class members will participate in two simulations designed to apply and test the lessons learned during the week. Participants will wear fully encapsulating suits and chemical splash gear. Individuals who are not participating in a medical surveillance program should consult their physician prior to attending this course.

After completing the course, participants will be able to:

- Select the appropriate personal protective equipment for responding to an incident involving hazardous materials.
- Use combustible gas detectors, oxygen meters, and detector tubes to evaluate the hazards present at a hazardous materials incident.
- Use confinement and containment techniques to control the release of a hazardous material.
- Identify the importance of an incident command system for effectively managing an incident involving hazardous materials.
- Develop procedures for the decontamination of emergency response personnel.
- Use size-up techniques to develop strategies and select the appropriate tactics for mitigating hazardous material incidents.

Individuals who have attended *Hazardous Materials Incident Response Operations (165.5)* should consult with the EPA Training Registrar (see page 1) before applying for this course.

Note: ***This course meets and exceeds the Occupational Safety and Health Administration's requirement (29 CFR 1910.120 paragraph q) of a minimum of 24 hours of training for a hazardous materials technician.***

Continuing Education Units: 3.6
ABIH Certification Maintenance points: 4.5

Course Dates and Locations

1996

September 16–20	Edison, New Jersey	November 18–22	Edison, New Jersey
October 7–11	Region 9	December 2–6	Region 1
October 21–25	Cincinnati, Ohio	December 16–20	Region 5
November 4–8	Region 8		

1997

January 13–17	Edison, New Jersey	May 19–23	Region 3
February 3–7	Region 4	June 2–6	Cincinnati, Ohio
February 24–28	Cincinnati, Ohio	July 7–11	Region 10
March 17–21	Region 6	July 21–25	Region 2
April 14–18	Edison, New Jersey	August 4–8	Edison, New Jersey
April 28–May 2	Region 7	August 18–22	Cincinnati, Ohio

DESIGNS FOR AIR IMPACT ASSESSMENTS AT HAZARDOUS WASTE SITES (165.16)
5 Days

This course is intended for management-level site personnel and U.S. Environmental Protection Agency (EPA) work plan and air review staff who are responsible for assessing and coordinating air sampling, air monitoring, and air modeling strategies as a basis for evaluating risk to onsite and offsite receptors.

Case studies, demonstrations, group discussions, and lectures will help prepare participants to:

- Define air impact assessment objectives.
- Evaluate air monitoring, air sampling, and air modeling data to develop an air impact assessment.
- Define air impact assessment assumptions given specific site conditions and operations.
- Implement appropriate quality assurance and quality control when developing an air impact assessment.
- Develop air impact assessment work plans for hazardous waste sites.
- Implement air impact assessment work plans for hazardous waste sites.

Prerequisites for this course are an Occupational Safety and Health Administration (29 CFR 1910.120) 40-hour health and safety course **and** either *Air Monitoring for Hazardous Materials (165.4)* or the Air and Waste Management Association's *Air Pathway Assessment Workshop*.

Continuing Education Units: 3.55

Course Dates and Locations

1997

February 24–28	Edison, New Jersey	July 7–11	Cincinnati, Ohio

REMOVAL COST MANAGEMENT SYSTEM (165.17)
1 Day

This course instructs participants in the use of the U.S. Environmental Protection Agency's (EPA) computerized Removal Cost Management System for tracking costs of removal or remedial actions. It is designed to enable students, working two per computer, to input information and produce reports about the site using software developed for EPA's Environmental Response Branch.

The course is intended for EPA on-scene coordinators, remedial program managers, comptroller office personnel, and EPA contractor personnel involved with cost management at abandoned or uncontrolled waste sites.

Instructional methods include lectures interspersed with hands-on use of computers to input cost data and prepare various reports. Exercises include inputting basic information about the site, inputting data from contractor cost reports and daily cost summaries, editing data, archiving data, and producing site summary and cost projection reports.

Topics that are discussed include concepts of cost management; EPA's cost management system; cost tracking, recovery, and documentation; and cost projection and invoicing.

Note: *This course is only given upon request of EPA's Regional Office or by special arrangement with other organizations.*

Continuing Education Units: 0.6

INLAND OIL SPILLS (165.18)
5 Days

This course is designed for on-scene coordinators (OSCs) from the U.S. Environmental Protection Agency (EPA), the U.S. Coast Guard, and state agencies who are involved in inland oil spill prevention and cleanup. The course, which covers portions of the legislation in the National Contingency Plan and the Oil Pollution Act of 1990, provides practical information for control and cleanup of inland oil spills.

Topics that are covered include the Oil Pollution Act of 1990, revisions to the National Contingency Plan, basic technical issues associated with inland oil spills, oil spill prevention, cleanup and treatment technologies, roles of agencies responding to inland oil spills, and monitoring requirements.

Instructional methods include lectures, problem sessions, and hands-on exercises that emphasize the practical and problem-solving skills related to spill control and cleanup.

After completing this course, participants will be able to:

- Discuss how major legislation (including the Oil Pollution Act of 1990 and the Oil Spill Liability Trust Fund) relates to spill control and cleanup activities.
- Identify basic technical issues associated with inland oil spills.
- Identify the basics of spill prevention control and countermeasure regulations.
- Use basic cleanup and treatment technologies.
- Discuss various agencies' roles when responding to inland oil spills.

The course instructors include federal and state OSCs who may also serve as technical advisors in oil spill control and cleanup. Other instructors include experienced oil spill responders from the public and private sectors.

The course is limited to four presentations annually and will be hosted by the U.S. Coast Guard Strike Teams in one of the following cities: Novato, California; Mobile, Alabama; Fort Dix, New Jersey; and Salt Lake City, Utah.

Course Dates and Locations to be determined

CHEMICAL SAFETY AUDITS (165.19)
4 Days

This course, which is presented in cooperation with the U.S. Environmental Protection Agency's (EPA) Chemical Emergency Preparedness and Prevention Office, introduces safety auditing for highly hazardous chemicals. It is based on EPA's Chemical Safety Audit Program, the Occupational Safety and Health Administration's (OSHA) Process Safety Management (29 CFR 1910.119), and EPA's Risk Management Programs for Chemical Accidental Release Prevention (40 CFR Part 68). The course covers basic chemical systems and processes, chemical process hazards, process safety systems, process safety management, emergency response, chemical risk reduction, chemical hazard evaluation, hazard evaluation techniques, and incident (hazardous material release) investigation. Interviewing techniques, computer applications, and report writing are also covered.

Participants receive practical auditing experience by forming an audit team and conducting a mock chemical safety audit at a fictitious chemical plant. The mock audit follows protocol established in EPA's *Guidance Manual for EPA Chemical Safety Audit Team Members*.

This introductory course provides an overview of chemical process safety management, risk management planning, and chemical safety auditing. Participants responsible for reviewing emergency response and safety programs at chemical plants, petrochemical plants, refineries, or chemical storage facilities will benefit from this course.

After completing this course, participants will be able to:

- Describe chemical processes, process hazards, process safety systems, safety management, emergency response, hazards evaluation, and incident investigation in process plants.
- Discuss interviewing, computer applications, and report-writing techniques.
- List the required and suggested activities covered in the *Guidance Manual for EPA Chemical Safety Audit Team Members*, OSHA's Process Safety Management (29 CFR 1910.119), and EPA's Risk Management Programs for Chemical Accidental Release Prevention (40 CFR Part 68).
- Perform a chemical safety audit using EPA protocol, interviewing techniques, and report-writing skills.

Continuing Education Units: 2.45
ABIH Certification Maintenance points: 3.5

Course Dates and Locations

1996

October 1-4	Region 8	December 3-6	Region 9
November 5-8	Region 9		

1997

January 7–10	Region 1	June 3–6	Region 2
February 4–7	Region 7	June 17–20	Region 3
March 11–14	Region 4	July 15–18	Region 6
April 8–11	Region 9	August 12–15	Region 5
May 13–16	Region 10		

INTRODUCTION TO ENVIRONMENTAL GEOPHYSICS (165.20)
4 Days

This course provides individuals who have little or no geophysical exploration experience with practical information to effectively design and supervise geophysical surveys at Superfund sites. The course focuses on plan design, types of equipment suitable for hazardous waste site characterization, equipment operation, procedures for safely collecting data, and the fundamentals of making simple interpretations of the data. It is intended for personnel responsible for inspections, site characterization, site investigations, and removal and remedial actions at Superfund sites.

The course is designed to be consistent with the EPA protocol and guidance documents entitled *Compendium of ERT Soil Sampling and Surface Geophysics Procedures, A Compendium of Superfund Field Operations Methods*, and *Data Quality Objectives Process for Superfund.*

Topics that are discussed include field work plan development; procedures for the use of geophysical methods for field screening; procedures for collection of field data using magnetometers, seismographs, electromagnetic and resistivity instruments, slimhole geophysical logging tools; and quality assurance considerations.

Instructional methods include lectures, group discussions, demonstrations, and computer modeling of data and outdoor field exercises with an emphasis on the hands-on use of geophysical equipment.

After completing the course, participants will be able to:

- Describe the various geophysical methods available for shallow environmental characterization.
- Describe the advantages and limitations of the magnetic, electromagnetic, seismic, resistivity, borehole, and ground-penetrating radar methods in environmental applications.
- Operate geophysical instrumentation under field conditions.
- Collect geophysical field data for use in resolving buried objects and determining geologic and hydrogeologic characteristics.
- Make an interpretation of simple geophysical field data to resolve buried objects and determine geologic characteristics.

This course is conducted at the EPA Region 5 facility outside of Chicago, Illinois.

Course Dates

1996

To be determined

1997

May 20-23	July 15-18
June 24-27	August 19-22

INTRODUCTORY PRELIMINARY ASSESSMENT TRAINING
2 Days

This course provides participants with an introduction to the Superfund site assessment process and the fundamentals of the preliminary assessment phase of this process. The site assessment process is used to screen hazardous waste sites for inclusion on the U.S. Environmental Protection Agency's (EPA) National Priorities List and to prioritize sites for further investigation and remediation. Participants will receive the background necessary to perform preliminary assessments and to develop preliminary site scores. The course is designed for individuals with little experience in the initial evaluation of hazardous waste sites.

The course format is based on the EPA document entitled *Guidance for Performing Preliminary Assessments Under CERCLA*. The focus is on implementing EPA preliminary assessment guidance rather than on emphasizing the mechanics of scoring sites using the Hazard Ranking System.

Topics to be discussed include an overview of the site assessment process; the fundamentals of the Hazard Ranking System; data collection strategies; site reconnaissance and documentation procedures; site, source, and waste characterization techniques; groundwater, surface water, air, and soil exposure pathway analyses; and preliminary assessment scoring methodology.

After completing this course, participants will be able to:

- Describe how the outcome of the site assessment process affects the placement of a hazardous waste site on the National Priorities List.
- Define key phrases related to preliminary assessments.
- Conduct a preliminary assessment data search and develop a site reconnaissance plan.
- Perform preliminary assessment site scoring.

Note: Calculators are required.

Continuing Education Units: 1.3

Course Dates and Locations

1996

October 22–23	Region 5	December 17–18	Region 4
December 3–4	Region 6		

1997

February 11–12	Region 7	May 6–7	Region 10
March 4–5	Region 3	May 20–21	Region 8
April 15–16	Region 2	June 24–25	Region 9

INTRODUCTORY SITE INSPECTION TRAINING
2 Days

This course provides participants with an introduction to the Superfund site assessment process and the fundamentals of the site inspection phase of this process. The site assessment process is used to screen hazardous waste sites for inclusion on the EPA National Priorities List and to prioritize sites for further investigation and remediation. Participants will receive the background necessary to evaluate preliminary assessments and to develop and implement site inspection strategies. The course is designed for individuals with little experience in the initial evaluation of hazardous waste sites.

The course format is based on the EPA document entitled *Guidance for Performing Site Inspections Under CERCLA*. The focus is on implementing EPA site inspection guidance rather than on emphasizing the mechanics of scoring sites using the Hazard Ranking System.

Topics to be discussed include an overview of the site assessment process; the fundamentals of the Hazard Ranking System; data collection strategies; site reconnaissance and documentation procedures; site, source, and waste characterization techniques; groundwater, surface water, air, and soil exposure pathway analyses; site inspection approaches; media-specific planning and sampling strategies; data evaluation and review; and reporting requirements.

After completing this course, participants will be able to:

- Describe how the outcome of the site assessment process affects the placement of a hazardous waste site on the National Priorities List.
- Define key phrases related to site inspections.
- Review a preliminary assessment document and develop a site reconnaissance plan.
- Develop site sampling strategies that will test preliminary assessment hypotheses and will provide adequate data for performing Hazard Ranking System calculations.

Continuing Education Units: 1.35

Course Dates and Locations

1996

October 24-25	Region 5	December 19-20	Region 4
December 5-6	Region 6		

1997

February 13-14	Region 7	May 8-9	Region 10
March 6-7	Region 3	May 22-23	Region 8
April 17-18	Region 2	June 26-27	Region 9

INTRODUCTORY FEDERAL FACILITY PRELIMINARY ASSESSMENT TRAINING
2 Days

This course provides participants with an introduction to the Superfund site assessment process and the fundamentals of the preliminary assessment process as it applies to federal facilities. The site assessment process is used to screen hazardous waste sites for inclusion on the Federal Agency Docket and the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), and to prioritize sites for further investigation and remediation. Participants will receive the background necessary to perform preliminary assessments and develop preliminary site scores. The course is designed for individuals with little experience in the initial evaluation of hazardous waste sites and **NOT** for those who have already taken the Preliminary Assessment and Site Inspection training courses.

The course format is based on the EPA document entitled *Guidance for Performing Preliminary Assessments Under CERCLA*. The focus is on implementing EPA preliminary assessment guidance rather than on emphasizing the mechanics of scoring sites using the Hazard Ranking System (HRS).

Topics to be discussed include an overview of the site assessment process; the Federal Agency Hazardous Waste Compliance Docket; an outline of the federal agency responsibilities under Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and Superfund Amendments and Reauthorization Act of 1986; the fundamentals of the HRS; data collection strategies; site reconnaissance and documentation procedures; site, source, and waste characterization techniques; ground water, surface water, air, and soil exposure pathway analyses; and preliminary assessment scoring methodology.

After completing this course, participants will be able to:

- Describe how the outcome of the site assessment process affects the placement of a federal facility hazardous waste site on the NPL.
- Understand the relationship of the Federal Agency Docket to the NPL.
- Define key phrases related to preliminary assessments.
- Conduct a preliminary assessment data search and develop a site reconnaissance plan.
- Perform preliminary assessment site scoring.

Note: Calculators are required.

Continuing Education Units: 1.3

Course Dates and Locations

Dates and locations to be announced.

INTRODUCTORY FEDERAL FACILITY SITE INSPECTION TRAINING
2 Days

This course provides participants with an introduction to the Superfund site assessment process and the fundamentals of the site assessment process as it applies to federal facilities. The site assessment process is used to screen hazardous waste sites for inclusion on the Federal Agency Docket and the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), and to prioritize sites for further investigation and remediation. Participants will receive the background necessary to evaluate preliminary assessments and develop and implement site inspection strategies. The course is designed for individuals with little experience in the initial evaluation of hazardous waste sites and NOT for those who have already taken the Preliminary Assessment and Site Inspection training courses.

The course format is based on the EPA document entitled *Guidance for Performing Site Inspections Under CERCLA*. The focus is on implementing EPA site inspection guidance rather than on emphasizing the mechanics of scoring sites using the Hazard Ranking System (HRS).

Topics to be discussed include an overview of the site assessment process; the Federal Agency Hazardous Waste Compliance Docket; the federal agency responsibilities under Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and Superfund Amendments and Reauthorization Act of 1986; the fundamentals of HRS; data collection strategies; site reconnaissance and documentation procedures; site, source, and waste characterization techniques; ground water, surface water, air, and soil exposure pathway analyses; site inspection approaches; media-specific planning and sampling strategies; data evaluation and review; and reporting requirements.

After completing this course, participants will be able to:

- Describe how the outcome of the site assessment process affects the placement of a federal facility hazardous waste site on the NPL.
- Understand the relationship of the Federal Agency Docket to the NPL.
- Define key phrases related to site inspections.
- Review a preliminary assessment document and develop a site reconnaissance plan.
- Develop site sampling strategies that will test preliminary assessment hypotheses and will provide adequate data for performing HRS calculations.

Continuing Education Units: 1.35

Course Dates and Locations

Dates and locations to be announced.

ADDITIONAL COURSES OFFERED BY THE SITE ASSESSMENT BRANCH

The following courses are offered by the Site Assessment Branch, Hazardous Site Evaluation Division, Office of Emergency and Remedial Response.

HAZARD RANKING SYSTEM

This five-day, **intermediate-level** course is designed for EPA regional, state, and contractor personnel and others who are required to compile, draft, and review hazard ranking system (HRS) documentation records/packages submitted for proposal to the National Priorities List (NPL). This course assumes a basic understanding of the HRS and its context within the site assessment process. The training is intended to enable staff to prepare HRS packages for the NPL.

This course provides details of the structure and application of the revised HRS and information related to the preparation of HRS packages, including HRS scoresheets, documentation records, and site summaries. Preliminary topics include the regulatory content of the HRS, site assessment process, HRS structure, source and waste characterization, and sampling and data quality. The focus of the remainder of the course is on evaluation of the groundwater, surface water, air, and soil exposure pathways of the HRS. The course concludes with a presentation of the evaluation of radionuclides under the HRS and calculation of the final waste score. Trainees will also participate in exercises using information on a fictional candidate NPL site to provide practical application of the HRS.

Course Dates and Locations

1996

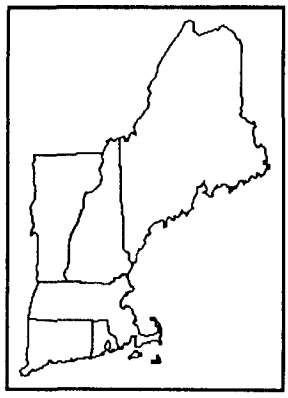
November 18–22	Region 5

1997

January 6–10	Region 4	May 12–16	Region 2
January 27–31	Region 6	June 9–13	Region 10
March 17–21	Region 7	July 28–August 1	Region 8
April 21–25	Region 3	August 11–15	Region 9

REGION 1

(Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont)



Training Contact: Pauline Callahan

Address: U.S. EPA - Region 1 (PHD)
JFK Federal Building
Boston, MA 02203

Telephone: (617) 565-3624

FAX: (617) 565-3736

Registration Information: Contact Pauline Callahan at (617) 565-3624 for additional information concerning the courses in Region 1.

1996

Air Monitoring for Hazardous Materials (165.4)	September 9–13	Emergency Response to Hazardous Material Incidents (165.15)	December 2–6
Hazardous Materials Incident Response Operations (165.5)	October 21–25	Safety and Health Decision-Making for Managers (165.8)	December 10–12
Sampling for Hazardous Materials (165.9)	November 13–15	Treatment Technologies for Superfund (165.3)	December 17–20

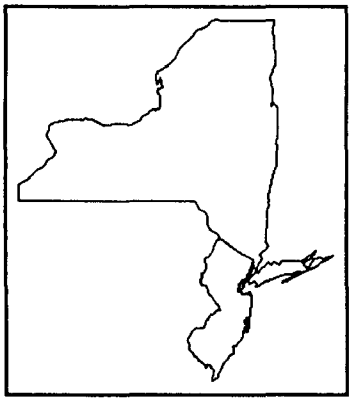
1997

Chemical Safety Audits (165.19)	January 7–10	Air Monitoring for Hazardous Materials (165.4)	July 21–25
Safety and Health Decision-Making for Managers (165.8)	February 19–21	Hazardous Materials Incident Response Operations (165.5)	August 4–8
Sampling for Hazardous Materials (165.9)	June 3–5	Risk Assessment Guidance for Superfund (165.6)	August 12–15
Introduction to Groundwater Investigations (165.7)	June 17–19		

OPERATED BY:
HALL/BURTON NUS
Bldg 209 Bay F
Call Ron or Christine for
additional Info.
548 2162

REGION 2

(New Jersey, New York, Puerto Rico, Virgin Islands)



Training Contact: Sandra Cohen

Address: U.S. EPA - Region 2 (EERD)
290 Broadway, 18th Floor
New York, NY 10007-1866

Telephone: (212) 637-4434

FAX: (212) 637-3256

Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.

1996

Hazardous Materials Incident Response Operations (165.5)	October 7–11	Introduction to Groundwater Investigations (165.7)	December 10–12
Risk Assessment Guidance for Superfund (165.6)	October 8–11	Sampling for Hazardous Materials (165.9)	December 17–19
Radiation Safety at Superfund Sites (165.11)	November 18–22		

1997

Treatment Technologies for Superfund (165.3)	January 28–31	Hazardous Materials Incident Response Operations (165.5)	May 19–23
Air Monitoring for Hazardous Materials (165.4)	March 3–7	Chemical Safety Audits (165.19)	June 3–6
Safety and Health Decision-Making for Managers (165.8)	March 25–27	Sampling for Hazardous Materials (165.9)	June 17–19
Introductory Preliminary Assessment Training	April 15–16	Treatment Technologies for Superfund (165.3)	July 8–11
Introductory Site Inspection Training	April 17–18	Emergency Response to Hazardous Material Incidents (165.15)	July 21–25
Hazard Ranking System	May 12–16		

REGION 3

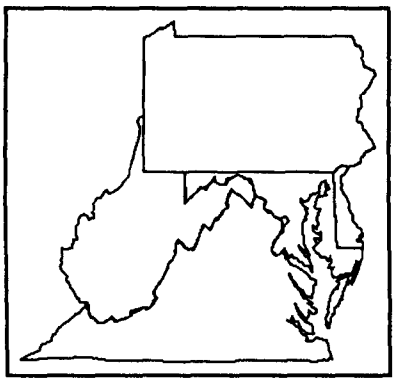
(Delaware, Maryland, Pennsylvania, Virginia, West Virginia)

Training Contact:

Address:

Telephone:

FAX:



Registration Information: Contact the EPA Training Registrar from 8:00 a.m. to 5:00 p.m. Eastern time by telephone at 513 251-7776 or 513 251-7669; by facsimile at 513 251-4137.

1996

Safety and Health Decision-Making for Managers (165.8)	September 24–26	Hazardous Materials Incident Response Operations (165.5)	November 4–8
Air Monitoring for Hazardous Materials (165.4)	September 30–October 4	Introduction to Groundwater Investigations (165.7)	November 13–15
Sampling for Hazardous Materials (165.9)	October 16–18	Safety and Health Decision-Making for Managers (165.8)	December 10–12
Treatment Technologies for Superfund (165.3)	October 22–25		

1997

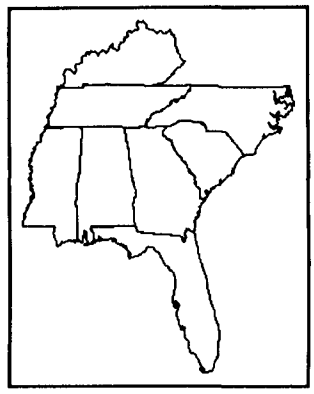
Safety and Health Decision-Making for Managers (165.8)	February 19–21	Risk Assessment Guidance for Superfund (165.6)	April 1–4
Introductory Preliminary Assessment Training	March 4–5	Hazardous Materials Incident Response Operations (165.5)	April 7–11
Introductory Site Inspection Training	March 6–7	Hazard Ranking System	April 21–25
Sampling for Hazardous Materials (165.9)	March 18–20	Treatment Technologies for Superfund (165.3)	April 22–25

1997 (cont.)

Emergency Response to Hazardous Material Incidents (165.15)	May 19-23	Radiation Safety at Superfund Sites (165.11)	July 14-18
Chemical Safety Audits (165.19)	June 17-20		

REGION 4

(Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)



Training Contact: Thad Taylor

Address: U.S. EPA - Region 4
345 Courtland Street NE
Atlanta, GA 30365

Telephone: (404) 347-3486

FAX: (404) 347-0199

Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.

1996

Risk Assessment Guidance for Superfund (165.6)	September 17-20	Air Monitoring for Hazardous Materials (165.4)	November 4-8
Treatment Technologies for Superfund (165.3)	September 24-27	Introductory Preliminary Assessment Training	December 17-18
Radiation Safety at Superfund Sites (165.11)	September 30-October 4	Introductory Site Inspection Training	December 19-20
Safety and Health Decision-Making for Managers (165.8)	October 16-18		

1997

Hazard Ranking System	January 6-10	Introduction to Groundwater Investigations (165.7)	March 25-27
Hazardous Materials Incident Response Operations (165.5)	January 27-31	Hazardous Materials Incident Response Operations (165.5)	June 2-6
Emergency Response to Hazardous Material Incidents (165.15)	February 3-7	Risk Assessment Guidance for Superfund (165.6)	July 15-18
Treatment Technologies for Superfund (165.3)	February 11-14	Treatment Technologies for Superfund (165.3)	August 19-22
Chemical Safety Audits (165.19)	March 11-14		

REGION 5

(Illinois, Indiana, Ohio, Michigan, Minnesota, Wisconsin)

Training Contact: Steve Ostrodka

Address: U.S. EPA - Region 5
(HSRLT-5J)
77 West Jackson Boulevard
Chicago, IL 60604-3590

Telephone: (312) 886-3011

FAX: (312) 353-9281

Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.

1996

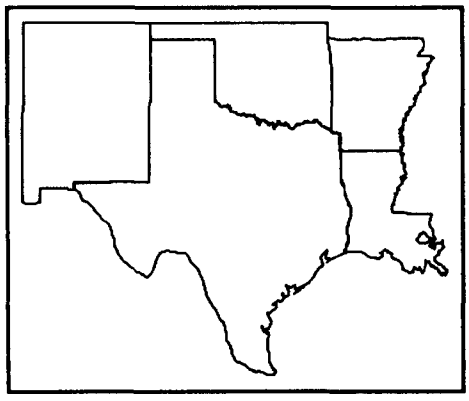
Introductory Preliminary Assessment Training	October 22-23	Hazard Ranking System	November 18-22
Introductory Site Inspection Training	October 24-25	Emergency Response to Hazardous Material Incidents (165.15)	December 16-20

1997

Safety and Health Decision-Making for Managers (165.8)	January 22-24	Risk Assessment Guidance for Superfund (165.6)	June 17-20
Air Monitoring for Hazardous Materials (165.4)	February 10-14	Treatment Technologies for Superfund (165.3)	June 24-27
Treatment Technologies for Superfund (165.3)	February 25-28	Sampling for Hazardous Materials (165.9)	July 8-10
Sampling for Hazardous Materials (165.9)	March 4-6	Chemical Safety Audits (165.19)	August 12-15
Introduction to Groundwater Investigations (165.7)	April 8-10	Hazardous Materials Incident Response Operations (165.5)	August 18-22
Hazardous Materials Incident Response Operations (165.5)	May 5-9		

REGION 6

(Arkansas, Louisiana, New Mexico, Oklahoma, Texas)



Training Contact: Rosemary Henderson

Address: U.S. EPA - Region 6
1445 Ross Avenue
10th Floor
Dallas, TX 75202-2733

Telephone: (214) 665-2293

FAX: (214) 665-7447

Registration Information: Contact Rosemary Henderson at (214) 665-2293 for additional information about the courses in Region 6.

1996

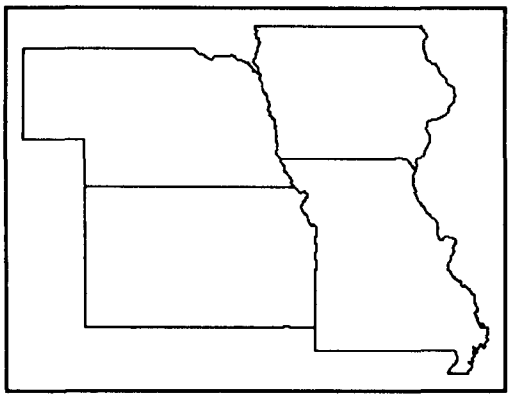
Treatment Technologies for Superfund (165.3)	October 8–11	Introductory Preliminary Assessment Training	December 3–4
Introduction to Groundwater Investigations (165.7)	October 16–18	Introductory Site Inspection Training	December 5–6

1997

Sampling for Hazardous Materials (165.9)	January 7–9	Treatment Technologies for Superfund (165.3)	April 8–11
Hazardous Materials Incident Response Operations (165.5)	January 13–17	Hazardous Materials Incident Response Operations (165.5)	April 21–25
Hazard Ranking System	January 27–31	Sampling for Hazardous Materials (165.9)	May 13–15
Radiation Safety at Superfund Sites (165.11)	February 3–7	Air Monitoring for Hazardous Materials (165.4)	June 23–27
Risk Assessment Guidance for Superfund (165.6)	March 11–14	Chemical Safety Audits (165.19)	July 15–18
Emergency Response to Hazardous Material Incidents (165.15)	March 17–21	Safety and Health Decision-Making for Managers (165.8)	August 12–14

REGION 7

(Iowa, Kansas, Missouri, Nebraska)



Training Contact: Bill Keffer

Address: U.S. EPA - Region 7
25 Funston Road
Kansas City, KS 66115

Telephone: (913) 551-5009

FAX: (913) 551-5218

Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.

1996

Sampling for Hazardous Materials (165.9)	December 3–5	Hazardous Materials Incident Response Operations (165.5)	December 9–13

1997

Air Monitoring for Hazardous Materials (165.4)	January 13–17	Hazardous Materials Incident Response Operations (165.5)	March 10–14
Risk Assessment Guidance for Superfund (165.6)	January 28–31	Hazard Ranking System	March 17–21
Chemical Safety Audits (165.19)	February 4–7	Sampling for Hazardous Materials (165.9)	April 15–17
Introductory Preliminary Assessment Training	February 11–12	Emergency Response to Hazardous Material Incidents (165.15)	April 28–May 2
Introductory Site Inspection Training	February 13–14	Treatment Technologies for Superfund (165.3)	May 6–9

REGION 8

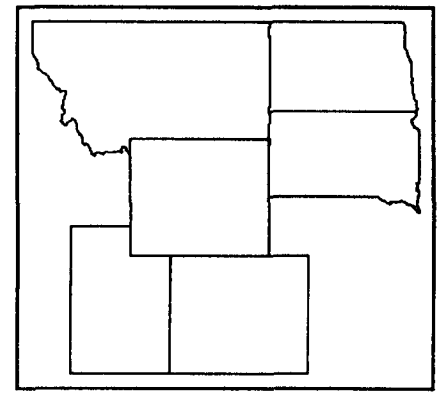
(Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)

Training Contact: Clifford Mosher

Address: U.S. EPA - Region 8
(8EPR-ER), Room 6N215
999 18th Street
Suite 500
Denver, CO 80202-2466

Telephone: (303) 312-6539

FAX: (303) 312-6962



Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.

1996

Sampling for Hazardous Materials (165.9)	September 10–12	Hazardous Materials Incident Response Operations (165.5)	November 18–22
Hazardous Materials Incident Response Operations (165.5)	September 23–27	Treatment Technologies for Superfund (165.3)	November 19–22
Chemical Safety Audits (165.19)	October 1–4	Air Monitoring for Hazardous Materials (165.4)	December 9–13
Emergency Response to Hazardous Material Incidents (165.15)	November 4–8		

1997

Sampling for Hazardous Materials (165.9)	February 4–6	Introduction to Groundwater Investigations (165.7)	May 6–8
Radiation Safety at Superfund Sites (165.11)	March 10–14	Introductory Preliminary Assessment Training	May 20–21
Risk Assessment Guidance for Superfund (165.6)	April 29–May 2	Introductory Site Inspection Training	May 22–23

1997 (cont.)

Safety and Health Decision-Making for Managers (165.8)	June 10–12	Hazard Ranking System	July 28–August 1
Hazardous Materials Incident Response Operations (165.5)	July 7–11	Sampling for Hazardous Materials (165.9)	August 5–7
Treatment Technologies for Superfund (165.3)	July 22–25		

REGION 9

(Arizona, California, Hawaii, Nevada, Guam)

Training Contact: Conte Guzman-Hoffman

Address: U.S. EPA - Region 9
(P-6-2)
75 Hawthorne Street
San Francisco, CA 94105

Telephone: (415) 744-2167

FAX: (415) 744-2180

Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.

1996

Emergency Response to Hazardous Material Incidents (165.15)	October 7-11	Radiation Safety at Superfund Sites (165.11)	December 9-13
Sampling for Hazardous Materials (165.9)	October 29-31	Chemical Safety Audits (165.19)	December 3-6
Chemical Safety Audits (165.19)	November 5-8		

1997

Risk Assessment Guidance for Superfund (165.6)	January 14-17	Safety and Health Decision-Making for Managers (165.8)	April 22-24
Hazardous Materials Incident Response Operations (165.5)	February 10-14	Chemical Safety Audits (165.19)	April 8-11
Introduction to Groundwater Investigations (165.7)	March 11-13	Sampling for Hazardous Materials (165.9)	April 29- May 1
Treatment Technologies for Superfund (165.3)	March 18-21	Treatment Technologies for Superfund (165.3)	June 10-13
Air Monitoring for Hazardous Materials (165.4)	April 14-18	Introductory Preliminary Assessment Training	June 24-25

1997 (cont.)

Introductory Site Inspection Training	June 26-27	Hazard Ranking System	August 11-15
Hazardous Materials Incident Response Operations (165.5)	July 21-25		

REGION 10

(Alaska, Idaho, Oregon, Washington)

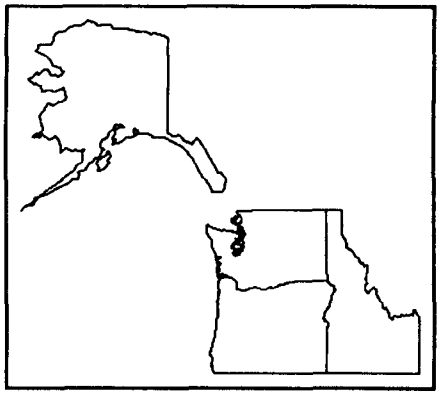
Training Contact: Diane Ruthruff

Address: U.S. EPA - Region 10
(MD-077)
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-5139

FAX: (206) 553-4672

Registration Information: Contact the EPA Training Registrar at the address and telephone number listed on page 1.



1996

Hazardous Materials Incident Response Operations (165.5)	September 9–13	Risk Assessment Guidance for Superfund (165.6)	November 5–8
Treatment Technologies for Superfund (165.3)	September 10–13	Safety and Health Decision-Making for Managers (165.8)	November 13–15
Sampling for Hazardous Materials (165.9)	September 24–26	Treatment Technologies for Superfund (165.3)	December 3–6

1997

Radiation Safety at Superfund Sites (165.11)	January 13–17	Chemical Safety Audits (165.19)	May 13–16
Hazardous Materials Incident Response Operations (165.5)	February 24–28	Air Monitoring for Hazardous Materials (165.4)	June 2–6
Sampling for Hazardous Materials (165.9)	April 1–3	Hazard Ranking System	June 9–13
Introductory Preliminary Assessment Training	May 6–7	Hazardous Materials Incident Response Operations (165.5)	June 16–20
Introductory Site Inspection Training	May 8–9	Emergency Response to Hazardous Material Incidents (165.15)	July 7–11

1997 (cont.)

Introduction to Groundwater Investigations (165.7)	July 15–17	Treatment Technologies for Superfund (165.3)	August 5–8
Sampling for Hazardous Materials (165.9)	July 22–24		

ENVIRONMENTAL RESPONSE TRAINING CENTER
CINCINNATI, OHIO

1996

Hazardous Materials Incident Response Operations (165.5)	September 16–20	Hazardous Materials Incident Response Operations (165.5)	October 28–November 1
Hazardous Materials Incident Response Operations (165.5)	October 7–11	Treatment Technologies for Superfund (165.3)	November 5–8
Emergency Response to Hazardous Material Incidents (165.15)	October 21–25	Risk Assessment Guidance for Superfund (165.6)	December 3–6

1997

Hazardous Materials Incident Response Operations (165.5)	January 6–10	Emergency Response to Hazardous Material Incidents (165.15)	June 2–6
Sampling for Hazardous Materials (165.9)	January 22–24	Radiation Safety at Superfund Sites (165.11)	June 9–13
Hazardous Materials Incident Response Operations (165.5)	January 27–31	Hazardous Materials Incident Response Operations (165.5)	June 23–27
Introduction to Groundwater Investigations (165.7)	February 19–21	Designs for Air Impact Assessments at Hazardous Waste Sites (165.16)	July 7–11
Emergency Response to Hazardous Material Incidents (165.15)	February 24–28	Hazardous Materials Incident Response Operations (165.5)	July 7–11
Hazardous Materials Incident Response Operations (165.5)	March 3–7	Hazardous Materials Incident Response Operations (165.5)	July 28–August 1
Hazardous Materials Incident Response Operations (165.5)	April 14–18	Introduction to Groundwater Investigations (165.7)	July 29–31
Safety and Health Decision-Making for Managers (165.8)	May 6–8	Emergency Response to Hazardous Material Incidents (165.15)	August 18–22
Hazardous Materials Incident Response Operations (165.5)	May 12–16	Sampling for Hazardous Materials (165.9)	August 26–28
Air Monitoring for Hazardous Materials (165.4)	May 19–23	Treatment Technologies for Superfund (165.3)	August 26–29

ENVIRONMENTAL RESPONSE TRAINING CENTER
EDISON, NEW JERSEY

1996

Hazardous Materials Incident Response Operations (165.5)	September 9–13	Hazardous Materials Incident Response Operations (165.5)	October 28–November 1
Emergency Response to Hazardous Material Incidents (165.15)	September 16–20	Emergency Response to Hazardous Material Incidents (165.15)	November 18–22
Hazardous Materials Incident Response Operations (165.5)	September 30–October 4	Hazardous Materials Incident Response Operations (165.5)	December 2–6
Risk Assessment Guidance for Superfund (165.6)	October 22–25		

1997

Treatment Technologies for Superfund (165.3)	January 7–10	Hazardous Materials Incident Response Operations (165.5)	April 28–May 2
Emergency Response to Hazardous Material Incidents (165.15)	January 13–17	Radiation Safety at Superfund Sites (165.11)	May 19–23
Introduction to Groundwater Investigations (165.7)	January 22–24	Hazardous Materials Incident Response Operations (165.5)	June 9–13
Hazardous Materials Incident Response Operations (165.5)	February 3–7	Hazardous Materials Incident Response Operations (165.5)	July 14–18
Sampling for Hazardous Materials (165.9)	February 19–21	Safety and Health Decision-Making for Managers (165.8)	July 29–31
Designs for Air Impact Assessments at Hazardous Waste Sites (165.16)	February 24–28	Emergency Response to Hazardous Material Incidents (165.15)	August 4–8
Hazardous Materials Incident Response Operations (165.5)	March 17–21	Hazardous Materials Incident Response Operations (165.5)	August 11–15
Hazardous Materials Incident Response Operations (165.5)	April 7–11	Air Monitoring for Hazardous Materials (165.4)	August 18–22
Emergency Response to Hazardous Material Incidents (165.15)	April 14–18		

EXTERNAL TRAINING PROGRAMS

To increase the number of training courses available to personnel who respond to hazardous material emergencies or are involved with activities at uncontrolled hazardous waste sites, the Emergency Response Division of the U.S. Environmental Protection Agency's (EPA) Office of Emergency and Remedial Response has accepted other organizations as providers of certain Environmental Response Team (ERT) Environmental Response Training Program (ERTP) courses. The organizations listed on the following pages are authorized to present one or both of the following courses: Hazardous Materials Incident Response Operations (165.5) and Emergency Response to Hazardous Material Incidents (165.15).

For specific information about the locations, dates, and courses presented by these external providers, contact the appropriate person or organization listed on the following pages.

EPA External Training Coordinator:
Bruce Potoka
U.S. Environmental Protection Agency
26 W. Martin Luther King Drive (B-3)
Cincinnati, OH 45268
513 569-7537

APPROVED EXTERNAL PROVIDERS

The following organizations have been approved by EPA to present ERTP courses. Other organizations may have received approval in the past; however, only the organizations listed here were actively presenting courses at the time of this publication. The courses presented by these organizations have been reviewed by ERT personnel to ensure that they are consistent with the courses presented by EPA. Students attending EPA courses presented by external providers will receive an EPA certificate of completion in addition to any other certificate awarded by the external provider. Additions may be made to this list whenever providers meet qualifications.

Paul Wolsonovich - Director of Training
Access America Consulting and Training
2629 Fountain Hills Drive
Wexford, PA 15090
412 487-8623

Brent Engel - Environmental Specialist
ACME Environmental, Inc.
2238 Wyoming NE
Albuquerque, NM 87112
505 294-5565

Chuck Atwood - Environmental Trainer
ADC LTD.
1919 San Mateo, NE
Albuquerque, NM 87110
505 265-5800

Ronald C. Nicholson
Bioenvironmental Engineering Department
U.S. Air Force School of Aerospace Medicine
2513 Kennedy Circle
Brooks Air Force Base, TX 78235-5123
210 536-3831

MSgt Lonnie R. Toby, USAF -
Fire Service Training Superintendent
617 Civil Engineering Squadron
Unit 3335-CETF
United States Air Forces in Europe
APO AE 09094-3335

Jim F. Clements - Instructor, Hazardous
Materials Technology
Amarillo College
P.O. Box 447
Amarillo, TX 79178
806 354-6045

Thomas O. Murray, CIH - Vice President
Applied Associates International, Inc.
300 Wilshire Boulevard, Suite 237
Casselberry, FL 32707
407 834-5310

Doug Carver - Director of Training
Brewer Environmental Industries, Inc.
401 Waiakamilo Road, Suite 101
Honolulu, HI 96817
808 832-7900

David J. Glaser - Director,
Education & Training Programs
Center for Hazardous Materials Research
University of Pittsburgh Applied Research Center
320 William Pitt Way
Pittsburgh, PA 15238
412 826-5320, ext. 245

James G. Cragan - Fire Service Coordinator
Chippewa Valley Technical College
620 West Clairemont Avenue
Eau Claire, WI 54701
715 833-6342

Ronald W. Keane - Training Coordinator
Connecticut Fire Academy
P.O. Box 3383
Windsor Locks, CT 06096-3383
203 627-6363, ext. 237

John D. Turley - President
Education & Consulting Resources, Inc.
938 Oak Ridge Place
Myrtle Beach, SC 29572
803 272-3855

Approved External Providers (cont.)

Michael Olock
Environmental Products & Services, Inc.
53 Turnbull Street
Springfield, MA 01104
413 731-1000 or 1-800-843-8265

Martin H. Finkel, CIH - Training Director
Environmental Safety & Health of Alaska
200 W. 34th Ave., Suite 553
Anchorage, AK 99503
907 333-0012

Jerry P. Porter - President
Genesis Environmental, Inc.
P.O. Box 10795
Greenville, SC 29606
803 370-1067

Barry Murner - Manager, Special Programs
Georgia Fire Academy
Georgia Public Safety Training Center
1000 Indian Springs Drive
Forsyth, GA 31029
912 993-4670

Deborah C. Alderink, CIH - Associate Principal
GZA GeoEnvironmental, Inc.
2930 - 3 Mile Road N.W.
Grand Rapids, MI 49504-1322
616 791-7400

Patricia F. Floeter - General Manager
Hazardous Material Management Systems, Inc.
82 South Williams Street
P.O. Box 176
Crystal Lake, IL 60014
815 477-2436

Jerry L. Smith - President
HazTrain, Inc.
5 Oak Avenue
P.O. Box 2206
LaPlata, MD 20646
301 932-0994

Thomas R. Huseman
Huseman Environmental Training and Safety
306 Jefferson Street
P.O. Box Drawer D
Natchez, MS 39121
601 455-5850

Fred Holmes - Manager, Environmental Group
Indian Fire & Safety, Inc.
P.O. Box 1306
Hobbs, NM 88241
505 397-3884

James C. Meldrum - Founder
Industrial/Environmental Safety Management Consulting, Inc.
P.O. Box 331
Crystal Lake, IL 60039-0331
815 455-1762

Trey Green - Program Director
Institute for Environmental Management
University of Oklahoma
P.O. Box 26901
801 NE 13th, Room 413
Oklahoma City, OK 73190
405 271-2070

William S. Carver - Fire/Rescue Training Coordinator
Kentucky Tech
1845 Loop Drive
Bowling Green, KY 42101-3601
502 746-7461

Terry Linson - Hazardous Materials Training Center
Lakeshore Technical College
1290 North Avenue
Cleveland, WI 53015-9761
414 458-4183

Approved External Providers (cont.)

Lt. Ken Williams/Sgt. Chris Viator
Transportation and Environmental Safety Sect.
Public Safety Service
Department of Public Safety and Corrections
Louisiana Office of State Police
P.O. Box 66614
Baton Rouge, LA 70896
504 925-6113

Stephen Guillot, Jr. -
Hazardous Materials Coordinator
LSU Fireman Training Program
Division of Continuing Education
Louisiana State University
Baton Rouge, LA 70803-1514
504 766-0600 or 1-800 256-3473, ext. 111

Susan Gibson - Environmental Coordinator
Marine Corps Air Station
HQ & HQ Squadron, Bldg 23123
Camp Pendleton, CA 92055-5151
619 725-8460

Troy D. Corbin - Director, Training Services
Marine & Environmental Testing, Inc.
P.O. Box 5693
Portland, OR 98228-5693
503 282-6920

Steve Silverberg
Metcalf & Eddy
400 Sawgrass Corporate Parkway
Sunrise, FL 33325
305 846-1878

Lt. Gerald A. Wheeler - Coordinator,
Hazardous Materials Training
Michigan State Police - Hazardous Materials
Training Center
7426 North Canal Road
Lansing, MI 48913
517 322-1942

Lawrence A. Gardner -
Deputy Chief, Special Teams
Milwaukee Fire Department
711 West Wells Street
Milwaukee, WI 53233
414 226-8949

Karenann Caldwell
New Mexico State University - Carlsbad
Waste-Management Education & Research
Consortium
1500 University Drive
Carlsbad, NM 88220
505 885-8831, ext. 246

Al S. Romero - Associate Professor, Dept. of
Engineering Technology
New Mexico State University
Box 30001, Dept. 3566
Las Cruces, NM 88003-8001
505 646-2236

Gary Burnam - Fire Training Coordinator
Nicolet Area Technical College
P.O. Box 518
Rhinelander, WI 54501-0518
715 365-4495

Paul C. Bacon
Occupational Safety Training Inc.
P.O. Box 28
Inverness, FL 34451-0028
904 344-4320 or 1-800-842-4142

Albert E. Grundon - President
Phoenix Training Group
2365 Paragon Drive, Unit A
San Jose, CA 95131
408 441-6150

James D. Romine
PRC Environmental Management, Inc.
644 Linn Street, Suite 719
Cincinnati, OH 45203
513 241-0149

Approved External Providers (cont.)

Captain Shelton T. Eudy -
Career Development Center
Raleigh Fire Department
2913 Wake Forest Road
Raleigh, NC 27609
919 831-6395

Robert L. Edgar - Director, Health, Safety,
Training & Environmental Compliance
Rinchem Company, Inc.
6133 Edith Boulevard, NE
Albuquerque, NM 87107
505 345-3655

Daniel Steller - Director,
Institute for Environmental Health & Safety
Roane State Community College
728 Emory Valley Road
Oak Ridge, TN 37830
615 481-3493

Donald P. McGuire - Director,
Office of Emergency Services
Rockland County Fire Training Center
Fireman's Memorial Drive
Pomona, NY 10970
914 364-8904

Randolph Ryan, Ph.D.
Ryan & Associates
1609 Claymore Road
Chapel Hill, NC 27516
919 967-9623

Mike Lofton - Assistant Chief
Savannah River Site Fire Department Training
Westinghouse Savannah River Company
Building 706 C
Aiken, SC 29808
803 557-9751/9676

Robert E. Bohannan - Vice President
Scott, Allard & Bohannan, Inc.
3001 W. Indian School Road
Suite 312
Phoenix, AZ 85017
602 263-0045

Bill Giles- HazMat Instructor
South Carolina Fire Academy
141 Monticello Trail
Columbia, SC 29203
803 896-9858

Glenn Joseph - Adjunct Instructor
South Technical Education Center Fire Academy
1300 SW 30th Avenue
Boynton Beach, FL 33426-9099

Perry Hoskins
Spectra Training
P.O. Box 33213
Phoenix, AZ 85067
602 266-0705

John V. Burke - President
Tristan-Dodd Group
17300 El Camino Real
Houston, TX 77058
713 486-7197

Jeff Reames - Fire/Rescue Coordinator,
Public Safety Services
Western Wisconsin Technical College
304 North Sixth Street
LaCrosse, WI 54602-0908
608 785-9248

EXTERNAL PROVIDERS WITH INTERIM APPROVAL

The following organizations have applied for permission to present ERTP courses and have received interim approval from EPA. These organizations are authorized to present ERTP courses and may be granted final approval following an audit by ERT personnel. Students successfully completing courses presented by these organizations will receive an EPA certificate of completion. Additions and deletions are made to this list as providers qualify or become inactive.

Robert Townsend - Supervisor, HazMat Administration
Amway Corporation
7575 Fulton Street, E.
Ada, MI 49355-0001
616 676-4627

CDR F. Kevin Koob, USCGR
Atlantic Strike Team, U.S. Coast Guard
P.O. Box 68, Building 5918
Fort Dix, NJ 08640-0068
215 597-9355

Phil Haake
Baxter Reilley Occupational Trainers, Inc.
6841 South Yosemite Street, Suite 100
Englewood, CO 80112
303 220-5111

Paul C. Bacon - President
Capital Environmental Training and Assessment Services
P.O. Box 3413
Wichita Falls, TX 76301-0413
1-800-495-8699 (voice mail only)

Lawrence J. Cannon - President
EnviroMed Services, Inc.
25 Science Park
New Haven, CT 06511
203 786-5580

S.R. Hunter - Training Officer
Environmental Management, Inc.
P.O. Box 3940
Edmond, OK 73083-3940
405 282-8510

Darrel Caldwell - President
ENVIROSAFE International, Inc.
600 Kendrick, Suite C-29
Houston, TX 77060
713 447-7194

Kenton L. Brown - Emergency Response Coordinator
Florida Department of Environmental Protection, Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, FL 32256-7590
904 448-4320, ext. 246

Robert Robb - President
Environmental Training Center
607 Shepherd Drive, Unit 7
Cincinnati, OH 45215
513 563-2828

Richard Bergquist - Instructor
Florida State Fire College
11655 N.W. Gainesville Road
Ocala, FL 34482-1486
904 732-1330

Leo Traverse, CET - President
HAZMATEAM, Inc.
12 Kimball Hill Road
Hudson, NH 03051-3915
603 882-6247

Patty Joyce Nedland - President
HAZTEK
5401 Fairbanks Street, Suite 1
P.O. Box 243002
Anchorage, AK 99524
907 563-6150

Interim-Approved External Providers (cont.)

Randy Moore, DAFC - HazMat Course Instructor Supervisor
Joint Fire Protection Training School
312 TRS/DOF
301 Comanche Trail
Goodfellow AFB, TX 76908-4213
915 654-4852

Douglas R. Stutz, Ph.D. - Program Director
Miami Dade Community College, North
11380 N.W. 27th Avenue
Miami, FL 33167
305 237-1798

J. Michael Lofton
Mike Lofton Training Consultant
111 Rolling Rock Road
Aiken, SC 29803
803 648-3773

Lynn Reese - Assistant Professor, Petroleum Technology
Odessa College, Safety & Environmental Division
201 West University
Odessa, TX 79764
915 335-6883

Greg Stannard - Safety & Training Director
Onsite Environmental Staffing
3450 Corporate Way, Suite B
Duluth, GA 30136
770 495-0570

David Alexander
SafeNet Systems
8300 San Pedro NE
Albuquerque, NM 87113
505 822-1222

Cindy Gabrielsen, CET - Training and Program Coordinator
SOLUTIONS
9556 Sarasota Drive
Knoxville, TN 37923
423 539-1742

Michael Whelchel
TSB Loss Control Consultants, Inc.
3940 Morton Bend Road, S.W.
Rome, GA 30161
706 291-1222

Dennis L. Dugan - Assistant Chief
Waterloo Fire-Rescue, Hazardous Materials Regional Training Center
1925 Newell Street
Waterloo, IA 50707
319 291-4275/4469

Form Approved
OMB No. 158-R0005

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR TRAINING

1. NAME OF APPLICANT *(First, middle, last)*

2. TITLE OF COURSE DESIRED | 3. COURSE NUMBER

4. PLACE WHERE GIVEN | 5. DATES

6. SPONSOR OR EMPLOYER *(Name, address)*

City State Zipcode
Phone No.

7. MAILING ADDRESS OF APPLICANT *(If different from item 6)*

City State Zipcode
Phone no.

8. PROFESSION OR OCCUPATION | 9. TOTAL YEARS EXPERIENCE IN PROFESSION

10. POSITION TITLE

11. BRIEF DESCRIPTION OF YOUR PRESENT POSITION

12. PREVIOUS HAZARDOUS MATERIALS TRAINING COURSES ATTENDED

TITLES	DATES	LOCATION

13. HIGH SCHOOL GRADUATE ☐ YES ☐ NO | 14. NUMBER OF YEARS EDUCATION COMPLETED BEYOND HIGH SCHOOL

15. COLLEGE OR UNIVERSITY EDUCATION

NAME OF INSTITUTION	DATE ATTENDED	MAJOR	DEGREE

16. SIGNATURE OF APPLICANT | 17. DATE

18. SIGNATURE OF APPROVING OFFICER | 19. TITLE | 20. DATE

21. AGENCY USE ONLY

AMT. REC'D._____ DATE_____ BILLING INFOR._____

Checks should be made payable to: U.S. Environmental Protection Agency.

Form Approved
OMB No. 158-R0005

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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4. PLACE WHERE GIVEN | 5. DATES

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City State Zipcode
Phone No.

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City State Zipcode
Phone no.

8. PROFESSION OR OCCUPATION | 9. TOTAL YEARS EXPERIENCE IN PROFESSION

10. POSITION TITLE

11. BRIEF DESCRIPTION OF YOUR PRESENT POSITION

12. PREVIOUS HAZARDOUS MATERIALS TRAINING COURSES ATTENDED

TITLES	DATES	LOCATION

13. HIGH SCHOOL GRADUATE ☐ YES ☐ NO | 14. NUMBER OF YEARS EDUCATION COMPLETED BEYOND HIGH SCHOOL

15. COLLEGE OR UNIVERSITY EDUCATION

NAME OF INSTITUTION	DATE ATTENDED	MAJOR	DEGREE

16. SIGNATURE OF APPLICANT | 17. DATE

18. SIGNATURE OF APPROVING OFFICER | 19. TITLE | 20. DATE

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2. TITLE OF COURSE DESIRED | 3. COURSE NUMBER

4. PLACE WHERE GIVEN | 5. DATES

6. SPONSOR OR EMPLOYER *(Name, address)*

City State Zipcode
Phone No.

7. MAILING ADDRESS OF APPLICANT *(If different from item 6)*

City State Zipcode
Phone no.

8. PROFESSION OR OCCUPATION | 9. TOTAL YEARS EXPERIENCE IN PROFESSION

10. POSITION TITLE

11. BRIEF DESCRIPTION OF YOUR PRESENT POSITION

12. PREVIOUS HAZARDOUS MATERIALS TRAINING COURSES ATTENDED

TITLES	DATES	LOCATION

13. HIGH SCHOOL GRADUATE ☐ YES ☐ NO | 14. NUMBER OF YEARS EDUCATION COMPLETED BEYOND HIGH SCHOOL

15. COLLEGE OR UNIVERSITY EDUCATION

NAME OF INSTITUTION	DATE ATTENDED	MAJOR	DEGREE

16. SIGNATURE OF APPLICANT | 17. DATE

18. SIGNATURE OF APPROVING OFFICER | 19. TITLE | 20. DATE

21. AGENCY USE ONLY

AMT. REC'D._____ DATE_____ BILLING INFOR._____

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