



*Course manual for
Waste Treatment,
Transportation and Disposal*

COURSE OUTLINE

Waste Treatment, Transportation and Disposal

- I. Regulatory Standards for Managing Wastes
- II. Identification and Management of RCRA Hazardous Waste
- III. Waste Characterization Strategy
- IV. Special Waste Types
- V. On-site Treatment and Disposal
- VI. On-site versus Off-site
- VII. Off-site Treatment and Disposal

Course Description and Objectives

Waste Treatment, Transportation and Disposal, a 2.5-day advanced training course, focuses on specific technical and regulatory issues that On-Scene Coordinators (OSC) and Remedial Project Managers (RPM) must address when treating, transporting and disposing of waste. By taking the course, participants will achieve the following objectives:

- **Learn a step-by-step approach to the treatment, transportation and disposal of waste.** The course discusses oversight of the major steps in procuring cost-effective and efficient treatment, transportation and disposal of waste. The course explores the complex definitions of solid and hazardous waste and provides real-life examples of how to decide whether wastes are RCRA hazardous during a removal action.
- **Discover practical recommendations for improving the treatment, transportation and disposal process.** The course stresses some obvious and other less obvious aspects helpful in improving the transportation and disposal process.
- **Master information about the identification and analysis of waste.** Participants will obtain information from experienced professionals about the process of identifying and analyzing special waste types and how to arrange for treatment, transportation and disposal of waste.

Target Audience and Registration Information

Waste Treatment, Transportation and Disposal is an advanced-level training course intended for EPA OSCs and other EPA removal program personnel. The course is designed to equip OSCs with the information they need to plan for the treatment, transportation and disposal of wastes generated from removal actions. Other EPA environmental professionals, such as RPMs, site assessment managers, remedial program staff, and Special Team members may also benefit from the course. **THIS COURSE IS NOT OPEN TO OTHER FEDERAL AGENCIES, STATES, LOCAL AGENCIES, TRIBES, ACADEMIA, CONTRACTORS, CONSULTANTS OR OTHER PRIVATE ENTITIES.**

Waste Treatment, Transportation and Disposal is a 2.5-day training course. Visit www.trainex.org and select the CERCLA Education Center to view the current schedule of offerings and register to attend. There are no tuition costs or prerequisites for this training course. Participants will receive reference material, including a detailed manual, to continue their education after the course ends.

Other CERCLA Education Center Courses

- **OSC Warrant Officer Training:** Provides an overview of the contracting and program authorities vested in a warranted OSC and explains the various tools, procurement and non-procurement that are available to an OSC during emergency and time-critical removals. This training is for EPA OSCs, Project Officers and Contracting Officers.
- **OSC 201:** Provides a hands-on approach to prepare OSCs for the daily challenges encountered during a removal action and an emergency response.
- **RPM 201:** Provides an interactive approach to prepare RPMs for the challenges they will face as they prepare for a remedial action. The course provides instruction on how to manage common issues or concepts at remedial action sites such as vapor intrusion, sediment removal, contaminated groundwater plumes and green remediation.
- **Removal Process for RPMs:** Provides an overview for RPMs of the various aspects of the removal process and various methods of integrating removal actions at National Priorities List (NPL) sites to complete Superfund response activities as quickly as possible. This 2-day training is designed primarily to equip RPMs with the information they need to plan and conduct removal actions.

Online Resources

TRAINEX

The Training Exchange website

provides a wide range of training information for staff involved in hazardous waste management and remediation. The site provides up-to-date course information and training schedules for classroom and internet-based courses.

www.trainex.org



OTHER SOURCES FOR INFORMATION

HAZARDOUS WASTE CLEAN-UP INFORMATION (CLU-IN)

www.clu-in.org

TRIAD RESOURCE CENTER

www.triadcentral.org

EPA OSC WEBSITE

<https://response.epa.gov/>

WEBEOC

<https://response.epa.gov/main/web/eoc.aspx>

GREEN REMEDIATION

www.clu-in.org/greenremediation

ENVIRONMENTAL RESPONSE TRAINING PROGRAM (ERTP)

www.trainex.org and select the ERTP

ERTP VIRTUAL UNIVERSITY

www.ertpvu.org

BROWNFIELDS AND LAND REVITALIZATION TECHNOLOGY SUPPORT CENTER (BTSC)

www.brownfieldstsc.org

TECHNOLOGIES FOR CLEANING UP CONTAMINATED SITES

www.epa.gov/superfund/remedytech

INTERSTATE TECHNOLOGY & REGULATORY COUNCIL

www.itrcweb.org

The CERCLA Education Center (CEC) is a unique training forum implemented by EPA's Office of Land and Emergency Management. CEC courses have been developed cooperatively by the Office of Superfund Remediation and Technology Innovation; the Office of Emergency Management; the Office of Acquisition Solutions; the Office of Enforcement and Compliance Assurance; and the Office of Research and Development. Site managers from EPA regions provide technical advice, comment and support. The CEC's structured curriculum, designed primarily for EPA hazardous waste site managers and responders, enables participants to attend training that is of particular interest to them and most appropriate for their projects and workloads.

UP-TO-DATE COURSE INFORMATION

For information about course schedules, visit EPA's Training Exchange at www.trainex.org.

CERCLA

CEC