



Course manual for
Removal Process for RPMs

COURSE OUTLINE

Removal Process for RPMs

- I. Introduction
- II. Removal Response Authorities
- III. Overview of Removal Actions
- IV. Determining the Need for Removal Action
- V. Other Considerations
- VI. Planning for the Non-Time Critical Removal Action
- VII. Engineering Evaluation and Cost Analysis
- VIII. Documenting the Decision
- IX. Conducting the Non-Time Critical Removal Action
- X. Completing the Non-Time Critical Removal Action
- XI. Wrap Up

Course Description and Objectives

The Removal Process for Remedial Project Managers (RPM) course focuses on 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 and effectively as possible.

By taking the course, participants will achieve the following objectives:

- **Understand the laws, regulations, policies and processes involved in Superfund removal actions.** The course provides an overview of removal actions that help RPMs understand the role they play in the Superfund cleanup program.
- **Identify removal authorities, recognize situations in which removal actions are appropriate and initiate removal actions.** The course examines approaches to the evaluation and initiation of removal actions, emphasizing such challenges as meeting applicable or relevant and appropriate requirements (ARAR) during removal actions.
- **Summarize the steps to be taken to implement the removal action and complete the necessary closeout procedures.** The course provides a step-by-step review of the conduct of a removal action, from initial activities on site through closeout.
- **Apply the RPM's new knowledge to real-life situations.** Participants are challenged to use the information acquired during the course to complete realistic exercises and case studies. They also have the opportunity to consider examples of actual issues and problems that arise during Superfund removal actions and the resolutions of such issues.

Target Audience and Registration Information

The *Removal Process for RPMs* course is a 2-day comprehensive training course intended for EPA RPMs who have at least six months of experience and are involved, or intend to be involved, with leading a removal action at NPL sites, although more experienced RPMs are encouraged to attend and share their field experiences with the class. **THIS COURSE IS NOT OPEN TO CONTRACTORS.**

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 for this training. Participants will receive reference material, including a detailed manual, to continue their education after the course ends.

Other CERCLA Education Center Courses

- **Remedial Process:** Provides a comprehensive examination of the technical and regulatory issues that must be addressed during remedial response efforts at Superfund sites. This training is designed primarily for RPMs and other environmental professionals in the Superfund program who are responsible for or need to know about remedial activities under the CERCLA.
- **Remedial Design/Remedial Action (RD/RA) Training:** Provides steps for implementing and completing an RD/RA under Superfund and describes the overall effort needed to conduct an RD/RA project. The training program is designed primarily for RPMs who currently or soon will be involved in an RD/RA project.
- **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.

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

NATIONAL ASSOCIATION OF REMEDIAL PROJECT MANAGERS (NARPM) ANNUAL TRAINING PROGRAM

www.epanarpm.org

TRIAD RESOURCE CENTER

www.triadcentral.org

GREEN REMEDIATION

www.clu-in.org/greenremediation

BROWNFIELDS AND LAND REVITALIZATION TECHNOLOGY SUPPORT CENTER (BTSC)

www.brownfieldstsc.org

ENVIRONMENTAL RESPONSE TRAINING PROGRAM (ERTP)

www.trainex.org and select the ERTPE

INTERSTATE TECHNOLOGY & REGULATORY COUNCIL

www.itrcweb.org

FEDERAL REMEDIATION TECHNOLOGIES ROUNDTABLE

www.frtr.gov

TECHNOLOGY INNOVATION PROGRAM HOME PAGE ON EPA'S WEBSITE

www.epa.gov/superfund/remedytech

TECHNICAL SUPPORT PROJECT

www.epa.gov/superfund/remedytech/partner.htm

ABOUT THE CERCLA EDUCATION CENTER

The CERCLA Education Center (CEC) is a unique training forum implemented by EPA's Office of Solid Waste and Emergency Response. CEC courses have been developed cooperatively by the Office of Superfund Remediation and Technology Innovation; the Office of Emergency Management; the Office of Acquisition Management; 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.

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