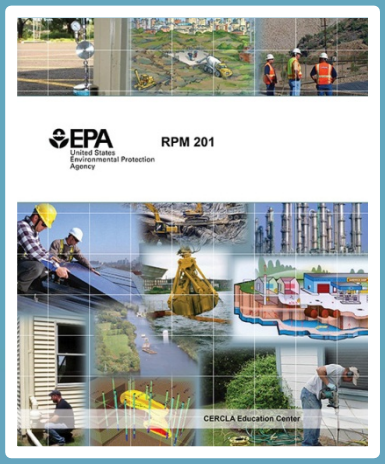
United States Environmental Protection Agency

RPM 201



Course manual for RPM 201

COURSE OUTLINE

RPM 201

I. Introduction and Vapor Intrusion
II. Contaminated Sediment Remediation for Hazardous Waste Sites
   A. Basics of Sediments
   B. Project Management
   C. RI Considerations
   D. FS Considerations
   E. Focus on Three Remedies
   F. Remedy Selection Considerations
   G. Remedial Action and Long-Term Monitoring
III. Remedy Selection for Groundwater Restoration
   A. Introduction
   B. Remedial Investigation
   C. Remedy Selection and Remedial Design
   D. Remedial Action
   E. Operate, Monitor and Evaluate Remedy
   F. Technology or Remedy Modification and Site Completion
IV. Green Remediation
V. Raging Factors

Course Description and Objectives

RPM 201, an intermediate-level training course, expands on the Remedial Process course. The course is offered as part of the ongoing effort to prepare Remedial Project Managers (RPM) for the challenges they will encounter during all aspects of a remedial action. The instructional methodology will include case studies to provide participants an opportunity to apply the skills learned during the course. The course will also include time for participants to ask specific questions about their own sites they currently are working on, as well as emerging technical and programmatic policy and guidance from EPA Headquarters. By taking the course, participants will achieve the following objectives:

- Learn how to manage common issues or concepts at remedial action sites, such as vapor intrusion, sediment removal, contaminated groundwater plumes and green remediation.
- Learn project management skills, including management of a project, forecasting resources and costs, planning meetings, documenting site activities and tracking schedules and costs.
- Learn effective ways to communicate various types of issues at sites to residents and communities.
- Learn how to incorporate optimization into new and existing remedial actions.

Target Audience and Registration Information

RPM 201 is a 2-½-day training recommended for RPMs with at least six months of experience and may have assisted other RPMs with remedial actions or now are preparing to take the lead in conducting a remedial action. While RPM 201 may be most beneficial to new RPMs with 5 years of experience or less, the course is very interactive and more experienced RPMs that attend will be encouraged to share their field background with the class. **THIS COURSE IS NOT OPEN TO CONTRACTORS**. Superfund 101 and the Remedial Process course are prerequisites for attendees to participate in RPM 201.

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

- **Groundwater High-Resolution Site Characterization:** Provides a comprehensive approach to help participants improve their subsurface investigation approaches and develop more realistic and CSMs.
- **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 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.
- **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

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 ERTP

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.

CERCLA CEC Education Center