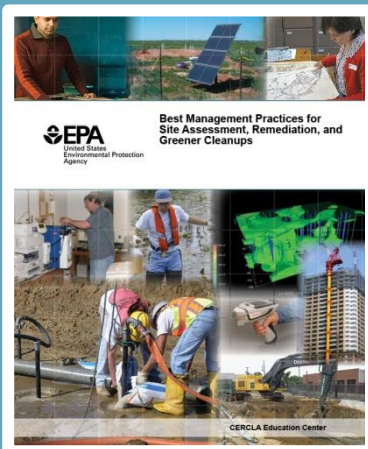


Best Management Practices for Site Assessment, Remediation and Greener Cleanups



Course manual for Best Management Practices for Site Assessment, Remediation and Greener Cleanups

COURSE OUTLINE

Best Management Practices for Site Assessment, Remediation and Greener Cleanups

- I. Introduction
- II. BMPs for Site Assessment
- III. BMPS for Site Remediation
- IV. BMPs for Green Remediation Footprint Reduction

Course Description and Objectives

The Best Management Practices for Site Assessment, Remediation, and Greener Cleanups course is comprised of the following three Best Management Practices (BMP) sessions:

- **BMPs for Site Assessments.** These BMPs draw on science and technology advancements and practitioner experience to develop strategies for making site assessments more scientifically-defensible, cost-effective, adaptive to changing project needs and responsive to stakeholder concerns. Applied to new or active projects, the BMPs can be used to significantly reduce data collection costs, expedite project schedules, enhance stakeholder communication and improve quality.
- **BMPs for Site Remediation.** The remediation phase of a project is subject to significant uncertainties and other influences that can effect successful execution. The EPA has evaluated and compiled BMPs used to improve site remediation efforts through design and operation enhancements. This training presents an overview of available remedial technologies, considerations for selecting the appropriate remedy, specific remedial approaches and BMPs to consider throughout the remediation process.
- **BMPs for Green Remediation Footprint Reduction.** Green Remediation is the practice of considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprint of cleanup actions. This training discusses the EPA's view of green remediation and the performance of environmental footprint assessments and provides a brief overview of the EPA's "Methodology for Understanding and Reducing a Project's Environmental Footprint" report.

Target Audience and Registration Information

This 1-day course is offered in support of the EPA Office of Solid Waste and Emergency Response (OSWER) effort to improve the technical competency of Small and Disadvantaged Businesses (SDB) as they compete for environmental cleanup jobs. The course is focused toward Brownfields grant recipients and parties directly involved in managing or executing site assessment and cleanup projects. Participation in the training course may also be of benefit to EPA, federal, tribal, state and private industry technical project managers and stakeholders involved in the development and implementation of hazardous waste site cleanups.

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

- **Hazard Ranking System:** Provides a detailed review of the HRS model and how the model is applied to various site conditions. The course is designed for personnel who are required to compile, draft and review PA, SI and HRS documentation records and packages submitted for sites proposed for the NPL.
- **Preliminary Assessment/Site Inspection (PA/SI):** Provides an introduction to the Superfund site assessment process and describes the PA and SI phases of this process.
- **Triad Training for Practitioners:** Provides an overview of how to use Triad sampling plan design and data collection, analysis and management strategies at various entry points in a typical project timeline. The course will provide information on how the Triad Approach can be used to streamline projects in a legal, technically sound and cost-effective manner.

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.

