



RCRA Corrective Action Training: Getting to YES!

Strategies for Meeting the 2020 Vision

February 2009



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Strategies for Achieving the 2020 Vision
 EPA Region 5, Chicago, IL – February 10-12, 2009

DAY 1 – THE BLUEPRINT FOR SUCCESS	8:30 AM-4:30 PM
Module 1. Introduction and Course Overview – This module welcomes the participants, describes the mission of the course, introduces the trainers and participants, and provides the agenda and logistics for the training course.	8:30-9:30 AM
Module 2. How to Achieve the 2020 Vision – This module provides an overview of the 2020 universe for corrective action (CA) and the vision for completing CA. Eight principles to help achieve the vision will be introduced: (1) establishing an exit strategy; (2) environmental cleanup to protective levels; (3) using performance standards to streamline the CA process; (4) consideration of reasonably anticipated future land uses; (5) modifying the remedy to improve overall performance; (6) changing focus from assessment to remedy operation, from procedures to results; (7) minimizing reporting requirements; and (8) documenting the achievement of CA400 and CA550. These principles lay the foundation for the remainder of the CA course.	9:30-10:30 AM
Break	10:30-10:45 AM
Module 3. CA Authorities and Guidance – This module reviews the legal authorities and mechanisms used to implement CA and the guidance that has been developed to streamline the CA process.	10:45-11:30 AM
Lunch (on your own)	11:30-12:45 PM
Module 4. Starting with the End in Mind: Building an Exit Strategy – This module emphasizes keeping the end goal in mind when planning and implementing the CA process. It defines an exit strategy and reviews the elements of a performance-based exit strategy.	12:45-1:45 PM
Module 5. Achieving Success: Practical Solutions to CA Challenges – This module reviews practical solutions to CA challenges and specific principles that support CA progress over process. It also includes a review of field-based approaches to support effective and efficient field investigation and site assessment.	1:45-2:45 PM
Break	2:45-3:00 PM
Module 6. CA and Facilitating Land Revitalization – This module emphasizes EPA's focus on land revitalization and approaches, and identifies resources to support revitalization efforts. It ends with a movie that reviews specific examples of successful revitalization at CA sites.	3:00-4:30 PM
DAY 2 – CONCEPTS AND STRATEGIES	8:30 AM-4:30 PM
Module 7. Selecting and Approving a Protective Remedy – This module introduces policy considerations regarding remedy selection and documenting the decision. It also reviews issues such as vapor intrusion, parceling, anticipated land use, cleanup goals, and balancing criteria.	8:30-10:00 AM
Break	10:00-10:15 AM
Module 8. Remediation Technologies – This module reviews remediation technologies and special considerations related to non-aqueous phase liquid (NAPL) contamination. It also includes examples of site-specific technology implementation and reviews opportunities for green remediation.	10:15-11:45 AM
Lunch (on your own)	11:45-1:00 PM
Module 9. Managing Remediation Waste – This module reviews planning for remediation waste management, and the regulations and guidance that supports effective and safe management of remediation waste.	1:00-2:15 PM

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DAY 2 – CONCEPTS AND STRATEGIES (CONTINUED)	8:30 AM-4:30 PM
Module 10. CA Optimization Tools and Challenge Exercise – This discussion-based exercise provides a menu of optimization tools for CA. The instructors and participants will discuss these tools and share additional approaches, methods, and lessons learned.	2:15-3:15 PM
Break	3:15-3:30 PM
Module 11. Maintaining Effective Remedy Performance – This module reviews long-term operation and monitoring of constructed remedies. Topics include remedy performance standards and metrics, remedial system optimization (RSO), operating and monitoring protocols, and performance reporting. RSO case studies provide concrete examples of remedial system improvements and cost savings.	3:30-4:30 PM
DAY 3 – COMPLETING THE CA PROCESS AND COST ESTIMATION	8:30 AM-12:00 PM
Module 12. CA Complete – This module reviews guidance and methods for making the determination that CA is complete. It also reviews approaches for determining that controls are in place and effective (focusing on ICs and long-term stewardship). It then reviews CA event codes 900 and 999, documenting the decision, and tracking the revitalization progress through the Ready for Anticipated Use (RAU) evaluation.	8:30-9:30 AM
Break	9:30-9:45 AM
Module 13. Challenge Exercise – This module is a group-based, discussion exercise. Groups will review selected challenges and approaches that have been or could be used to address the challenges.	9:45- 11:00 AM
Module 14. Review & Wrap-Up of Corrective Action – This module reviews the key lessons of the course, addresses any remaining questions, and provides for participant evaluation of the CA course.	11:00-12:00 PM

Please note: This training and training documents do not create any legally binding requirements on the U.S. Environmental Protection Agency (EPA), states, or the regulated community, and do not create any right or benefit, substantive or procedural. The training and documentation are not a complete representation of the Resource Conservation and Recovery Act or of EPA's regulations and views.

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