

Facility Roundtable: Managing Remediation and Hazardous Waste

Course Description:

The remediation of MCP sites often involves the excavation and disposal of contaminated soils. The proper management of the soil characterization and disposal process is a significant issue for an LSP to deal with, since mistakes can have dire regulatory and financial consequences.

This four-hour course is designed to assist LSPs in better understanding the regulatory, waste, and facility-specific requirements for properly managing both remediation and hazardous waste when it is sent to off-site recycling/disposal facilities. This aspect of waste management, a key task at MCP sites, is one where the responsibility typically falls to the site LSP who is accordingly obligated to understand the nuances of federal, state, and facility specific requirements. If the LSP understands the waste profiles and acceptance criteria for each of these types of facilities, there is less likelihood of an improper shipment and an improved likelihood that waste packages will be accepted and not require revisions.

Each speaker will discuss how his facility evaluates material acceptance packages submitted by LSPs and his facility's specific requirements for receiving material, as well as what happens to the waste once it arrives at his facility. The course focus will be on: 1) writing and preparing soil/material packages (including waste profiles) that comply with facility requirements and address facility acceptance criteria; and 2) considerations for when waste is sent to a facility. Each presenter will highlight include common mistakes to avoid, things to remember about shipping to his facility, and an overview of the material acceptance process.

Course Syllabus:

- 12:30 – 1:00 PM** **Registration**
- 1:00 – 1:15 PM** **Introduction and Course Overview:** What are the different types of waste disposal facilities? How do they differ from one another? What are the general MCP guidelines for managing remediation and hazardous waste? What are applicable MCP deadlines? (*Jane Parkin Kullmann*)
- 1:15 – 2:00 PM** **Managing waste at a landfill** (*Jason Barroso of Waste Management*)
What a landfill facility needs from a generator
Landfill waste profiles, including general facility acceptance criteria
Facility-specific processes for treating/handling waste
- 2:00 – 2:45 PM** **Managing waste at a recycling facility** (*Michael McKeen of ARC*)
What a recycling facility needs from a generator
Waste profiles, including general facility acceptance criteria
Facility-specific processes for treating/handling waste
- 2:45 – 3:30 PM** **Managing waste at a thermal treatment facility** (*Scott Miller of Clean Earth*)
What a thermal treatment facility needs from a generator
General facility acceptance criteria
Managing multiple waste streams
Facility-specific processes for treating/handling waste
- 3:30 – 3:45 PM** **Break**
- 3:45 – 4:30 PM** **Hazardous Waste Management** (*Hugo DelRosso of US Ecology*)
What is hazardous waste?
What a hazardous waste facility needs from generators
Hazardous waste profiles
Acceptance criteria for hazardous waste
Facility-specific processes for treating/handling waste
- 4:30 – 5:00 PM** **Roundtable/Q&A** (*moderated by Jane Parkin Kullmann*)

Speaker Biographies:

Jason Barroso, Waste Management

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Mr. Barroso has over 15 years off comprehensive site management experience, including site assessment, demolition design, remediation & project management. He has assisted a variety of state, municipal & private clients with the design and implementation of complex demolition/remediation projects throughout Massachusetts, Connecticut & Rhode Island. Mr. Barroso is Waste Management's Industrial Account Manager covering Massachusetts. He is responsible for managing special wastes (contaminated soil, sludges, asbestos, hazardous building materials, hazardous waste, etc.) generated in Massachusetts. Mr. Barroso completed his Bachelor's in Earth Science at UMass Boston and his Master's in Business Administration at UMass Amherst.

Hugo DelRosso, US Ecology

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Mr. DelRosso is an Account Executive for US Ecology where he provides expertise in the area of Environmental Remediation projects along with Hazardous Waste Transportation and Disposal Services. Hugo joined US Ecology in 2011 with over 25 years of industry experience and maintains a diverse background including hazardous and non-hazardous waste disposal, remedial activities, universal waste management, emergency response programs, compliance programs, and greening/sustainability programs. Hugo's experience includes developing policies and procedures for environmental compliance within aerospace industry. Hazardous and Universal waste facility permitting, Hazardous Material transportation and Emergency Response operations.

Michael F. McKeen, Aggregate Recycling Corporation (ARC)

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Mr. McKeen has been the Sales Manager for Aggregate Recycling Corporation for over 20 years. His responsibilities include business development as well as the review and approval of recycling packages submitted to the ARC facility. Prior to joining ARC, Mike spent 5 years as a project manager for the engineering group at Clean Harbors,

where he worked exclusively with their LSP's to manage sites and then create reports for the Massachusetts DEP. Mike earned a BA from the University of Massachusetts as well as a certificate in Environmental Policy from Northeastern University.

Scott Miller, Clean Earth Inc.

Regional General Manager, New England
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Mr. Miller has 25 years of comprehensive engineering and management experience in the environmental industry. He has designed, installed and managed groundwater treatment systems, industrial wastewater treatment facilities, in situ soil remediation systems, engineered controls and soil treatment solutions. His clients have included Fortune 100 companies, PRPs for Federal Superfund sites, municipalities, industrial clients and contractors of all sizes throughout New York and New England.

Currently, Mr. Miller is the Regional General Manager, New England for Clean Earth Inc. supporting three low temperature thermal desorption soil treatment facilities, design and management of beneficial soil reuse projects and General Manager of United RETEK of Connecticut, the only permitted, mobile, hazardous waste treatment process in the State of Connecticut. Mr. Miller is a licensed Professional Engineer in Connecticut. He earned his Bachelor of Science in Civil Engineering from Lehigh University and his Master's in Business Management at UMASS Amherst.

Jane A. Parkin Kullmann, Wood Environment and Infrastructure

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Ms. Kullmann, MS, CPH is a senior risk assessor at Wood Environment and Infrastructure, Inc. in Chelmsford. She has several years' experience as a human health risk assessor and, prior to that, worked as an environmental consultant for federal drinking water programs. She holds an AB from Dartmouth College in Chemistry and Environmental Studies, and a MS from Tufts University in Environmental and Water Resources Engineering.