



Solid Waste Workshops: Agenda

(Federal Liner Regulations & Compliance)

Workshop #1: Designing, Constructing & Operating a RCRA Subtitle D Landfill
(Tuesday, May 17, 2005)

9:30-10:00 **Registration**

10:00-10:15 **Welcome & Opening Remarks** - Brian Tormey, *Iowa Department of Natural Resources*

- ❖ Purpose & Goals of the Workshops
- ❖ Overview of Workshop #1 Objectives

10:15-10:30 **Update on Subtitle D Compliance** - Amie Hart, *Iowa Department of Natural Resources*

- ❖ Brief History of Iowa's Landfill Regulatory Program
- ❖ Status of October 2007 Compliance Date
- ❖ Status of Revisions to IAC 567-Chapter 113
- ❖ Question & Answer

10:30-11:00 **Solid Waste Management, the "Big Picture" in Iowa** - Walter Willis, *Shaw Environmental*

- ❖ Current Landfill Status
- ❖ Iowa's Comprehensive Planning Requirements
 - Planning Areas
 - Landfill Service Areas
 - House File 399
- ❖ Waste Reduction Success
 - Impact on Landfill Needs & Economics
 - Opportunities for Further Diversion via Transfer Stations/Materials Recovery Facilities
- ❖ Impacts on Local Level Decision Making
 - Closure of Old Cells & Construction of New Cells or Transfer
 - Ways to Minimize Liability
- ❖ Question & Answer

11:00-12:00 **Iowa...In a State of Transition** – Devin Moose, P.E., *Shaw Environmental*

- ❖ RCRA Subtitle D, the Federal Mandate
- ❖ Essential Components of a Rational Decision Making Process
- ❖ What Have Other Solid Waste Districts Done – Case Studies
 - Freeport, Illinois
 - Los Alamos County, New Mexico
 - West Cook County Solid Waste Agency
- ❖ Question & Answer

12:00-1:00 **Lunch Provided**

Hilton Garden Inn, 8600 Northpark Drive, Johnston, IA
Contact Scott Smith at (515) 433-0591 or boonelf@tdsi.net to register

- 1:00-2:00 **Subtitle D Economics: Design, Constructing & Operating** – Devin Moose, P.E., *Shaw Environmental*
- ❖ Assumptions Used to Develop Engineering Cost Model
 - Composite
 - Alternative Liner: Depths of 4ft. & 5ft. Clay
 - Common Caps: FML/Clay or Clay Only to Pass Point-of-Compliance Modeling
 - ❖ Results of Engineering Cost Model: Factoring All Costs through Closure/Post Closure
 - ❖ Scheduling to Meet the October 2007 Compliance Date
 - ❖ Essential Questions to be Addressed by Local Officials
 - ❖ Question & Answer
- 2:00-2:15 **Session Break (Refreshments Provided)**
- 2:15-3:00 **Tasks to be Completed prior to June 1st Workshop** - Walter Willis, *Shaw Environmental*
- ❖ Share economic data with local stakeholders, and engineering and legal consultants
 - ❖ Attempt to gain feedback from the local citizens and businesses
 - ❖ Evaluate options for disposing of waste currently going to a non-compliant landfill, identify advantages and disadvantages with each option
 - ❖ Options with Nearby Planning Areas
 - ❖ Contact Shaw Environmental for Individual Consultation
 - ❖ Attendee Questions for June 1, 2005 Workshop
 - ❖ Question & Answer
- 3:00-3:45 **Open Forum Discussion** - Walter Willis & Devin Moose, *Shaw Environmental*
- 3:45-4:00 **Closing Remarks & Adjourn Meeting**