



Solid Waste Workshops: Agenda

(Federal Liner Regulations & Compliance)

Workshop #2: Transfer Haul Compliance Options & Impacts
(Wednesday, June 1, 2005)

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

10:00-10:05 **Welcome & Opening Remarks** - Brian Tormey, *Iowa Department of Natural Resources*
❖ Overview of Workshop #2 Objectives

10:05-10:15 **Regulatory Overview** - Jeff Myrom, *Iowa Department of Natural Resources*
❖ Complying with the Deadline: Continue to Operate a Landfill
➤ Workshop 1: Close old cell, Permit a new cell
❖ Complying with the Deadline: Closing the Landfill and Opening a Transfer Station
➤ Brief Review of Transfer Station Siting & Permitting Requirements: IAC 567—
Chapter 106
❖ Question & Answer

10:15-10:45 **Making the Decision to Continue Landfilling or Close & Transfer**
– Devin Moose, *Shaw Environmental*
❖ Public Education, Input and Consensus
❖ Evaluating Options for Developing a Transfer Station & Arranging for Disposal Capacity
➤ Transfer hauling and merging with another in-state planning area
➤ Transfer hauling to an in-state landfill and maintaining your current planning area via new HF 399
➤ Transfer hauling to out-of-state private landfills
❖ Opportunities for Increased Waste Diversion & Screening at a Transfer Station
❖ Deciding to Close the Landfill & Transfer Haul
➤ Obtaining Political Consensus
➤ Funding of Closure & New Disposal Option
➤ Potential Fiscal Impacts on Existing Diversion Programs
➤ Implementation Schedule
❖ Question & Answer

10:45-12:00 **Case Studies** – Walter Willis, *Shaw Environmental*
❖ Transfer Station Development Options
➤ Shelby County
➤ Rathbun Area Solid Waste Commission
➤ Case Study 3
❖ Question & Answer

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

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

1:00-2:30 **Transfer Station Economics: Design, Constructing & Operating** – Devin Moose, *Shaw Environmental*

- ❖ Assumptions Used to Develop Engineering Cost Model (IAC 567—Chapter 106)
 - Scenario 1 – Retrofit Existing Facility (least likely)
 - Scenario 2 – Construct New Facility (most likely)
- ❖ Results of Engineering Design and Construction Cost Model
- ❖ Costs of Adding on Recycling (MRF) Options and Increased Waste Diversion
- ❖ Operational Cost Factors:
 - Contracting Options (e.g. design, build, operate, hauling)
 - Hauling distance vs. tipping fees – adding up the cost components
 - Limiting operating days and short-term waste storage
 - Partnering with other planning areas for disposal bids to capture economies of scale and maximize bargaining power.
- ❖ Other Operational Cost Considerations:
 - Handling Bulky Items
 - C&D Management
 - Special Wastes (e.g. asbestos, PCS)
 - Short-term waste storage during inclement weather
- ❖ Scheduling to Meet the October 1, 2007 Compliance Deadline
- ❖ Procuring Landfill Capacity
- ❖ Question & Answer

2:30-2:45 **Session Break (Refreshments Provided)**

2:45-3:15 **Implementing Your Disposal Solution: Construct a New Cell or Transfer Haul**

- Walter Willis, *Shaw Environmental*

- ❖ Evaluating Options and Steps Toward Reaching Consensus
 - Political/Public Education and Input
 - Legal
 - Technical
 - Economic
- ❖ Project Financing
 - Tipping Fees
 - Per Capita Assessments
- ❖ Project Implementation
 - Site Evaluation/Fatal Flaw Analysis
 - Preliminary Design
 - Local Siting and Zoning Approval
 - Permitting
 - Final Design and Construction
- ❖ Question & Answer

3:15-4:00 **Open Forum Discussion** - Walter Willis & Devin Moose, *Shaw Environmental*

4:00 **Closing Remarks & Adjourn Meeting**

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