

# Solid Waste Issues at Maintenance Yards

Ohio EPA, Division of Solid  
and Infectious Waste  
Management



# Typical Solid Waste Issues Faced

- ◆ Street Sweepings
  - ◆ Animal Carcass Management
  - ◆ Composting
- 

# Street Sweepings

- ◆ Administrative updates
- ◆ Storage
- ◆ Use



# Street Sweepings

- ◆ Administrative Updates
  - Ohio EPA developing guidance document and approval mechanism
    - ◆ Likely include exemption for re-use of the material
  - Only for street sweeping materials that have not been effected by spills
    - ◆ Will not include catch basin cleanings at this time. Catch basin cleanings still a solid waste.

# Street Sweepings

## ◆ Storage Issues

- Can temporarily store street sweepings today utilizing BMPs
  - ◆ Dewatering pad to sanitary sewer
  - ◆ Dewater indoors with floor drains to sanitary
  - ◆ Storage outside in bermed area where storm water and leachate are properly managed
  - ◆ Tarp storage piles to minimize leachate generation and fugitive dust

# Dewatering Options



# Street Sweepings

## ◆ Use of Street Sweepings

- Must be prepared for use. Any trash, debris etc. must be removed.
  - ◆ Recommend screening

## ◆ Re-use options

- Re-use as road abrasive
- Daily cover at landfills
- Road sub-grade
- Fill in median strips within publicly owned right-of-way
- Aggregate in asphalt\cement

# Animal Carcass Management

- ◆ Available options for dead animal disposal
  - Burial, incineration, rendering, or composting.
- ◆ Licensed Solid Waste Landfill
  - Most common disposal method
- ◆ Class II Composting Facility
  - DSIWM Guidance Document 0494
  - DSIWM Guidance Document 0667
  - DSIWM Guidance Document 0533





# What not to do...



# Animal Carcass Management

- ◆ Class II Compost Facility Option
  - Requires DSIWM Approval
  - Animals Free of Infectious Diseases
  - Specific Bulking Agents
  - Specific Animals
  - List of Testing Requirements



**And Speaking of Composting....**



# Compost Site Classifications

- ◆ Class I Compost Site
  - Composting solid waste
  - Permit and license.
- ◆ Class II Compost Site
  - Composting animal carcasses
  - Registration, plan and license
- ◆ Class III Compost Site
  - Composting sites under 3 ac
  - Yard waste and animal waste.
  - Registration and plans.
- ◆ Class IV Compost Site
  - Composting leaves, small brush (>4")
  - Registration only.

# General Compost Considerations

- ◆ Animal Composting
  - Class II Registration Required
  - Animal and bulk agent specific
- ◆ Leaves, Grass, and Small Branches (<4")
  - Class IV Registration Required
  - Required for any Off-site Consolidation (multiple sites)

# General Compost Considerations

- ◆ Exempt from registration if on same property as generated
  - Composting waste from multiple locations requires registration.
- ◆ All Compost Operations Must Consider
  - Surface Water Management
  - Air Emissions







# Composting Leaves and Brush

- ◆ Class IV Compost Facility
  - Registration only through Central Office 30 days prior to commencement
  - Often Requires DSW DAPC Permits
  - Source Separated Yard Waste Only: No Industrial or Agricultural Wastes
  - See Guidance Document 0663
  - Specific Bulking Agents Only: No CCA / treated wood
  - Surface Water and Leachate Management common issues





**Any Questions?**

The image features a solid teal background. In the bottom right corner, there is a stylized, dark teal silhouette of a mountain range with jagged peaks. The text "Any Questions?" is centered in the upper half of the image in a bold, white, sans-serif font.