

# SWANA 2005 COLORADO

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CHARLES JOHNSON  
SOLID WASTE UNIT LEADER

# Goals

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✦ To Become Partners and Leaders with Industry and Stakeholders in the Solid Waste Business of Colorado

# CDPHE Solid Waste Team

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✦ 6 ½ Team Members

✦ 147 Active Facilities

- ◆ Transfer Stations

- ◆ Closed Landfills

- ◆ Newly Reported Landfills (14 between March and August)

✦ Inspection, Compliance Assistance, Enforcement

✦ Document Reviews

✦ Regulations

✦ Guidance

LEGAL NOTICE

# NO TRESPASSING

TO ALL PERSONS, OFFICERS, AND GOVERNMENTAL AGENCIES INCLUDING, BUT NOT LIMITED TO: FEDERAL OFFICERS OF THE IRS, HEW, HUD, ENVIRONMENTAL, HEALTH, SOCIAL SERVICE WORKERS AND OTHER UNCONSTITUTIONAL AGENCIES: AND TO ALL LOCAL MEMBERS OF PLANNING AND ZONING BOARDS:

TITLE 18 U.S.C. SEC. 241, 242 TITLE 42 U.S.C. SEC. 1982, 1983, 1985, and 1986

# WARNING

YOU ARE HEREBY ADVISED OF THE  
FOLLOWING FEDERAL CRIMINAL LAW

*If two or more persons conspire to injure, oppress, threaten, or intimidate any citizen in the free exercise or enjoyment of any right or privilege secured to him by the Constitution or the Laws of the United States, or because of his having so exercised the same; or*

*If two or more persons go in disguise on the highway, or on the premises of another, with the intent to prevent or hinder his free exercise or enjoyment of any right or privilege so secured -*

*They shall be fined not more than \$10,000 or imprisoned not more than ten years or both; and if death results, they shall be subject to imprisonment for any term of years or for life.\**

**LAND USE FEE \$5,000 PER PERSON  
PER DAY, OR ANY PART THEREOF**

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# Partnering

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## ✦ Learn More About the Solid Waste Business

- ◆ Government Transparency
- ◆ Annual Work Plan Integration
- ◆ Questionnaires/Data Collection
- ◆ Stakeholder Work Groups
- ◆ Guidance Development
- ◆ Policy Development
- ◆ Regulation Revision
- ◆ Regionalization Efforts

# Partnering With Work Plans

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## ✦ Annual Work Plan Integration

- ◆ Facility Deliverables
- ◆ Facility Inspections/Site Visits/ Compliance Assistance
- ◆ Stakeholder Processes
  - Help Identify Your Issues
  - Help CDPHE Prioritize Resources
- ◆ Guidance/Regulation Development
  - Alternative Final Cover Evaluation
  - Existing Regulations
  - New Regulations

# Partnering With Guidance

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## ✦ Types of Guidance

- ◆ NORM & TENORM
- ◆ Geotechnical Manual
- ◆ Landfill Gas Impacts on Groundwater
- ◆ Compost
- ◆ Tire Hauler
- ◆ Post-Closure Care
- ◆ One's Own Waste On One's Own Property
- ◆ Waste Haulers
- ◆ Historic Landfills
- ◆ Asbestos

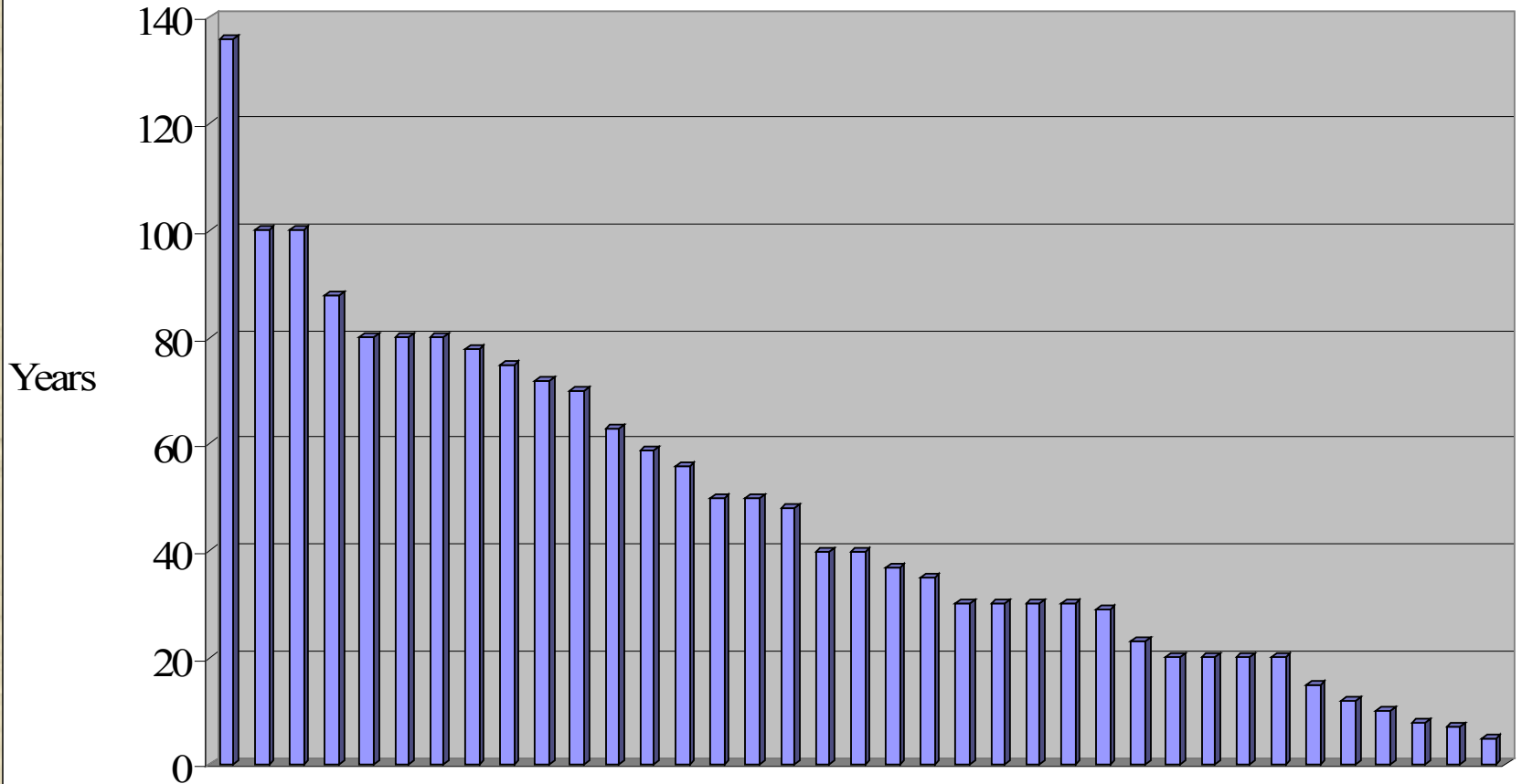
# Partnering With Questionnaires

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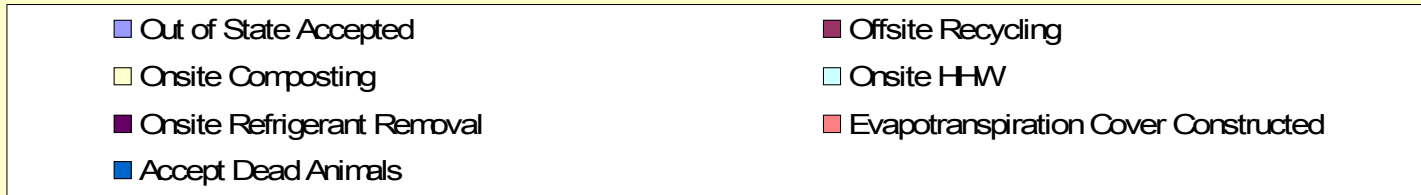
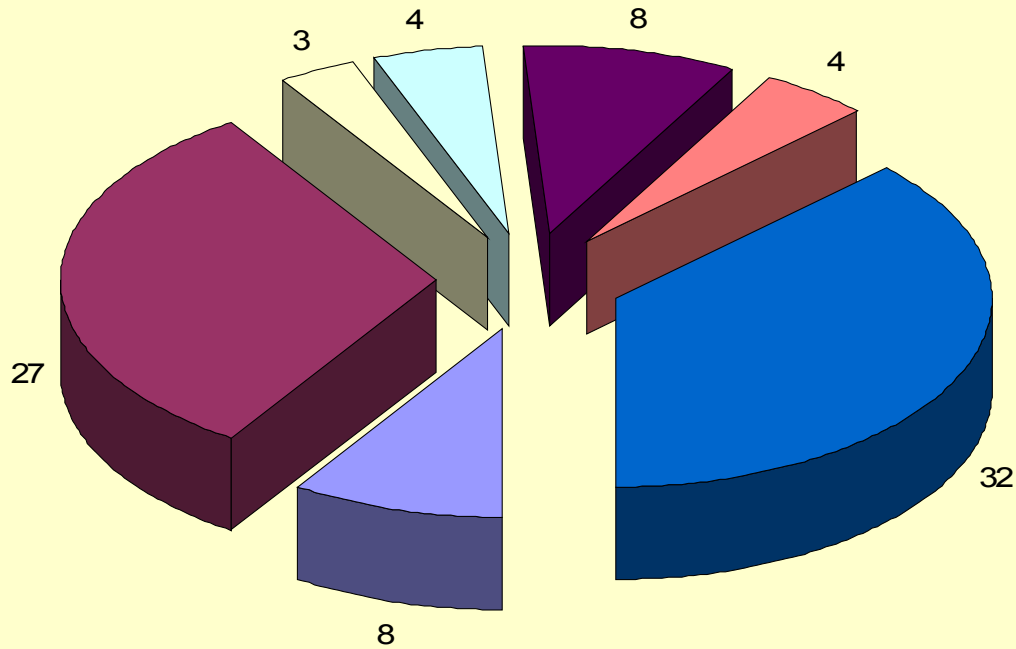
## ✦ Data Collection & Evaluation

- ◆ What's in Colorado's Solid Waste
- ◆ Colorado Solid Waste Markets
- ◆ Colorado Solid Waste Capacity
- ◆ Colorado Solid Waste Resources
- ◆ What Does the Data Tell Us About Colorado's Solid Waste Industry Going Forward

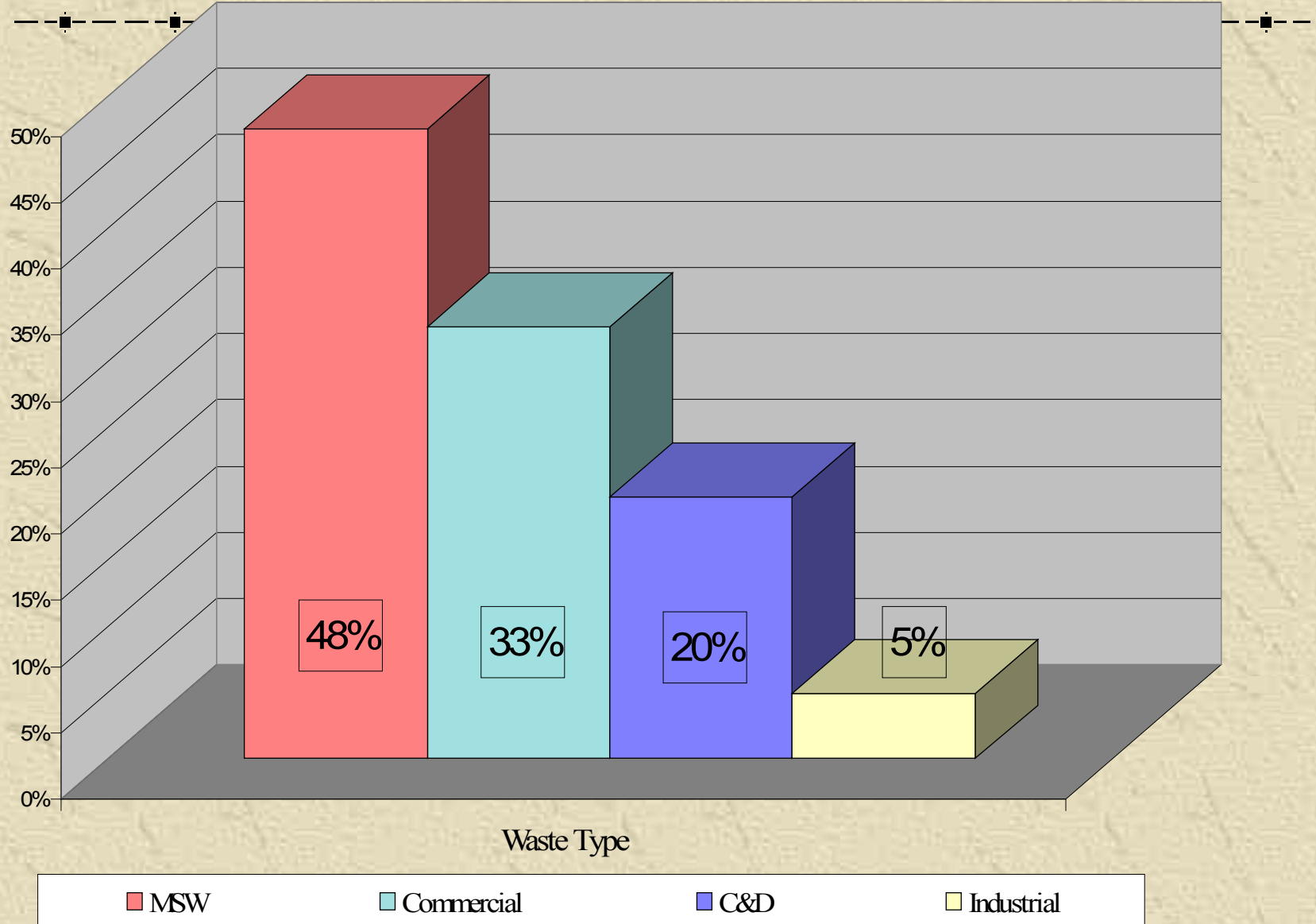
# Estimated Remaining Operating Years



### 2003 Number of Facilities Per Solid Waste Activity (32 Respondents)



## 2003 Statewide Average Percent Waste Type



# Solid Waste Asbestos Regulations

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## ✦ Applicability

- ◆ Soils Management
- ◆ Impacted Soil Remediation
- ◆ Disposal Management

## ✦ Revised Section 5:

- ◆ Existing Asbestos Disposal Regulations

## ✦ Promulgating New Language:

- ◆ Asbestos Impacted Soil Management
- ◆ Asbestos Impacted Soil Remediation

# Tire Hauler Regulations

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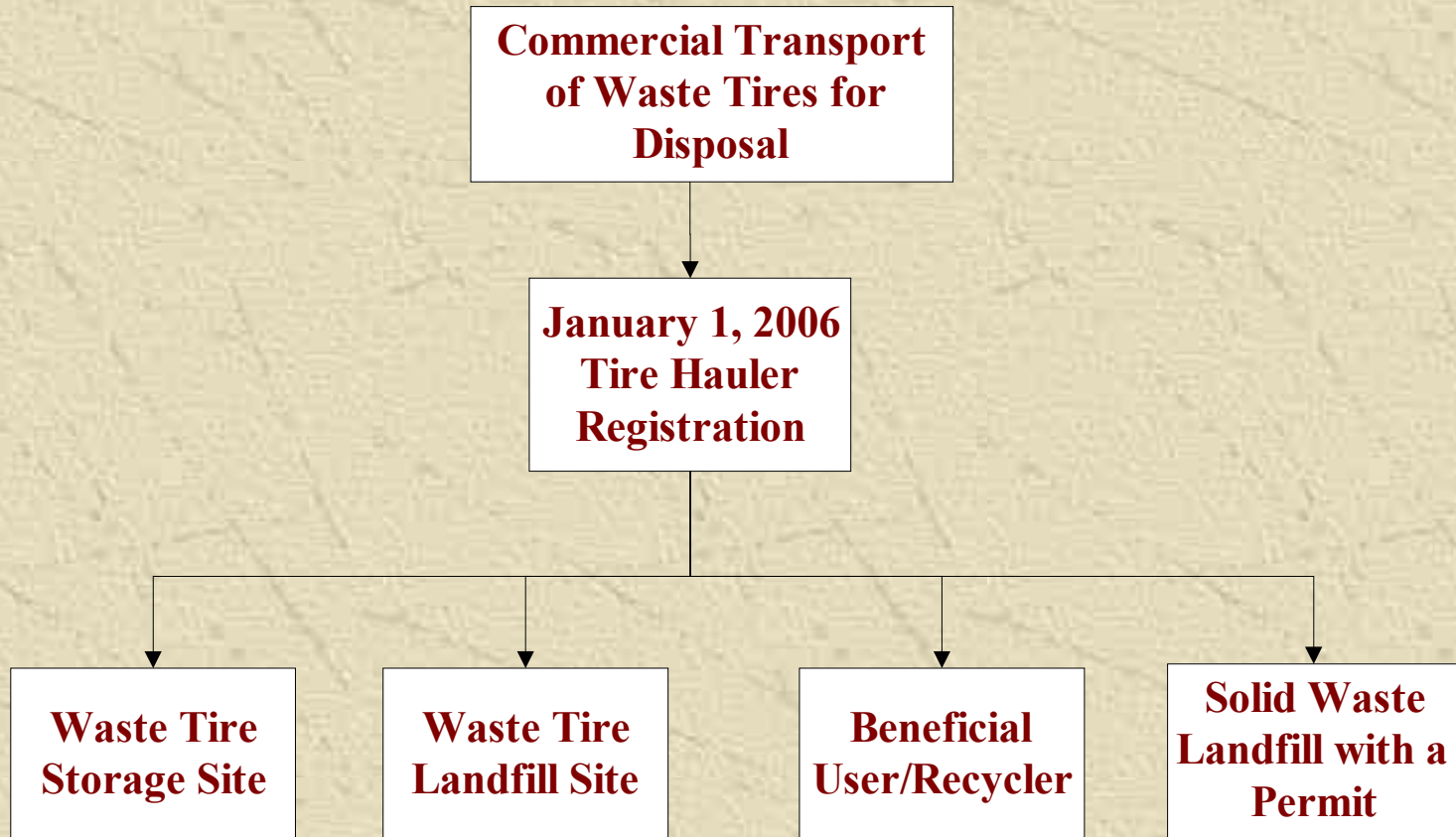
✦ Effective Date: January 1, 2006

✦ Registration: Paper to Electronic

◆ Help Identify the Waste Tire Haulers

# Tire Hauler Regulations

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**Notes:**

- 1) Waste tire haulers must post a bond up to \$10,000.
- 2) CDPHE to inspect and enforce

# Tire Hauler Regulations

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✦ Draft Regulations Undergoing Internal Review

✦ Path Forward

- ◆ External Stakeholder Review of Regulations
- ◆ Revision/Resolve of Draft Regulations
- ◆ Board of Health
- ◆ Finalization

# Landfill Ban Regulations

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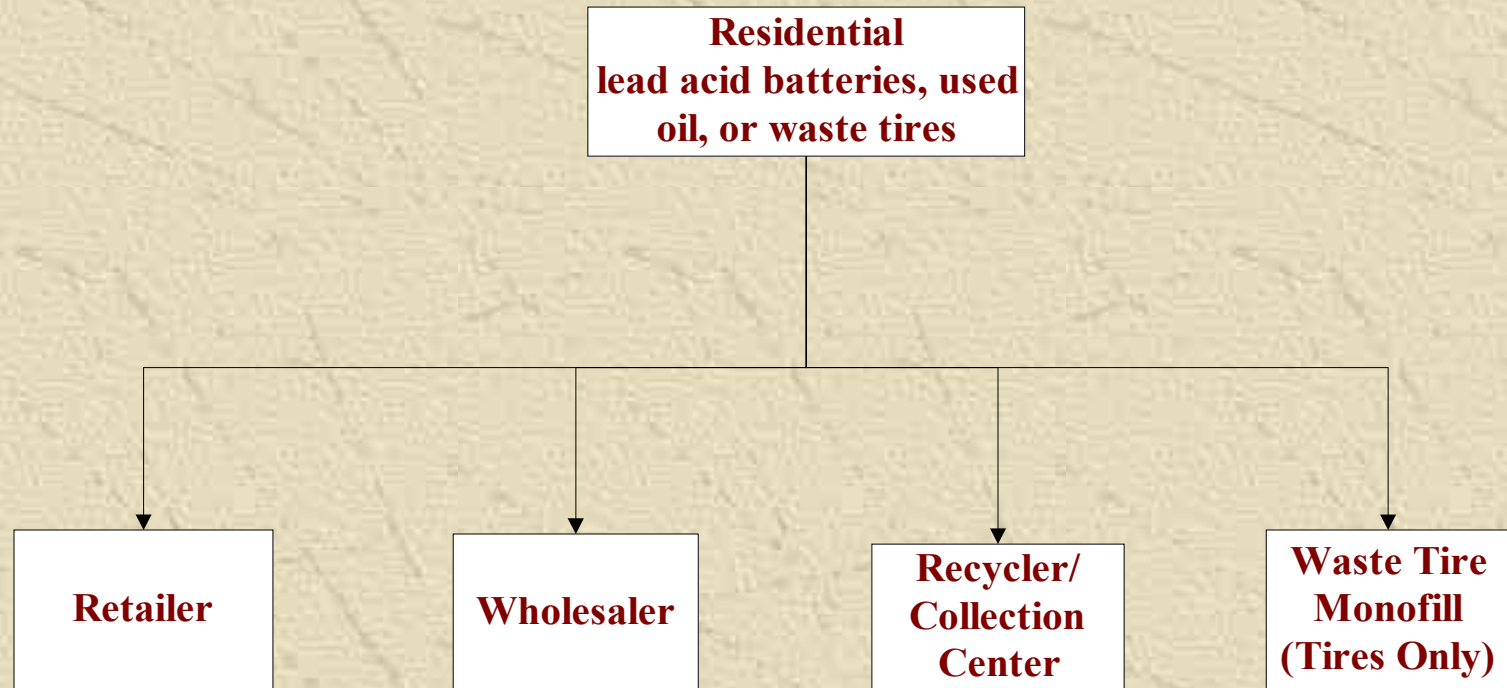
✦ Effective Date: July 7, 2007

✦ Applicability – Residentially Generated

- ◆ Lead Acid Batteries
- ◆ Used Oil
- ◆ Passenger Vehicle Tires

# Landfill Ban Regulations

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## Notes:

- 1) **July 1, 2007: Effective Date**
- 2) **Waste haulers must notify customers of disposal requirements**
- 3) **Amended waste analysis plan to CDPHE by January 1, 2006**
- 4) **CDPHE inspection and enforcement**

# Landfill Ban Regulations

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✦ Prohibits the land disposal of residential:

- ◆ lead-acid batteries,
- ◆ used oil, and
- ◆ waste tires

✦ Establishes a collection system and recycling program for the:

- ◆ batteries,
- ◆ used oil, and
- ◆ waste tires

✦ Allows CDPHE to inspect retailers and issue warnings and citations.

# Covenants

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## ✦ Applicability:

- ◆ Landfills (Not Cells) Closed After 2001
- ◆ Landfills Closed with Non-Inert Waste In Place

## ✦ Requirements

- ◆ Property Owner Signed Covenant
- ◆ Provide Electronic Survey Data of Landfill to CDPHE
- ◆ Service Related Fees????