

# Advisory Committee

Solid Waste Management Plan for Lincoln and Lancaster County (Solid Waste Plan 2040)

July 10, 2012



Solid Waste Management Plan for Lincoln and Lancaster County

 **Solid Waste Plan 2040** 

# Purpose of the Plan

*The Solid Waste Plan 2040 will be a guidance document, communication tool, and resource for policy decisions regarding solid waste management systems, facilities, and programs.*

# Agenda

1. Public Meeting Law Acknowledgement & Safety Briefing
2. Call Meeting to Order
3. Roll Call / Approve Meeting Minutes from June 13, 2012
4. Solid Waste Management System
  - a) Regulatory Framework
  - b) Existing Systems, Facilities and Programs
  - c) Typical Cost Allocations
5. Assessment of (Basic) Needs / Status Quo
6. Minimum Levels of Service
7. Service Area
8. Committee Questions and Discussions

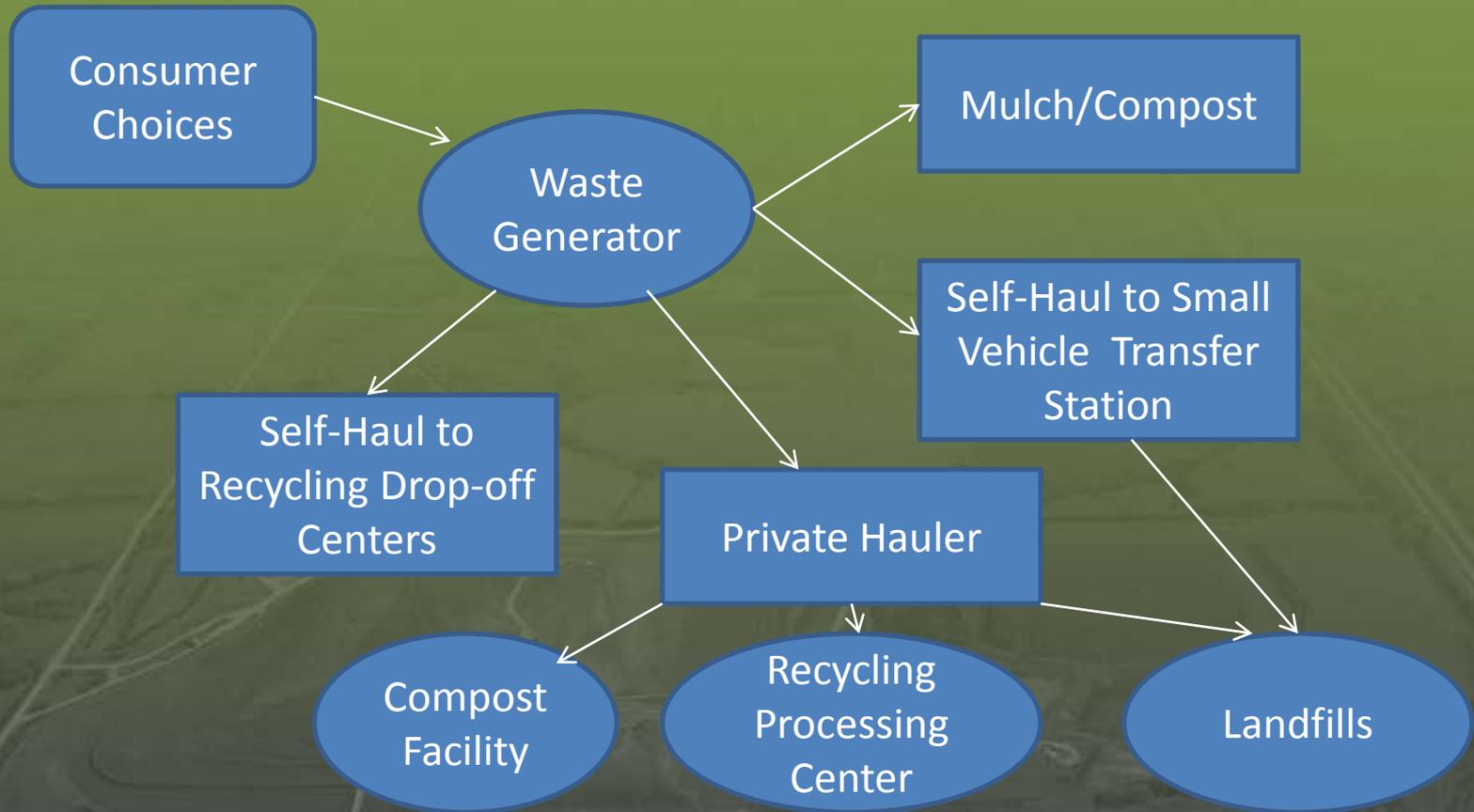
**BREAK**

# Agenda

## BREAK

9. Update on Public Participation
10. Plan Development
  - a) Guiding Principles
  - b) Plan Goals
11. Overview of Alternatives/Assessments
  - a) Future Topics/Modules
  - b) Evaluation Criteria
12. Committee Questions and Discussion
13. Next Advisory Committee Meeting
  - a) Timing, Topics and Notification
14. Public Comment (final 15 minutes)
15. Close Meeting

# Existing Solid Waste Management System



# Existing Solid Waste Management System

## Regulatory Framework

- Federal
- State
- Local
  - LMC Section 8.32 – Solid Wastes
  - LMC Section 5.41- Salvaging, Recycling and Composting Operations

# Existing Solid Waste Management System

## Private Waste Collection (residential)

- Once or twice/week waste collection
- Seasonal yard waste collection
- Curbside recycling collection

## Private Waste Collection (commercial/industrial)

## Public Landfill Disposal

- Bluff Road Municipal Solid Waste Landfill
- Construction & Demolition Waste Landfill

# Existing Solid Waste Management System

## Public Solid Waste Management Facilities/Programs

- Small Vehicle Transfer Station
- Recycling Drop-off Sites
- Yard Waste Composting
- Appliance De-manufacturing
- Household Hazardous Waste Collection
- Special Waste Permit Program
- Keep Lincoln-Lancaster County Beautiful (illegal dump site clean-up/neighborhood clean-up)
- Nuisance Complaint Program
- Emergency Response (spill clean-up)

# Existing Solid Waste Management System

## Private Solid Waste Management Facilities/Programs

- Recycling Drop-off Sites
- Yard Waste Composting
- Recycling Processing Centers
- Construction/Demolition Materials Recycling

# Existing Solid Waste Management System

2010-2011

- 305,000 tons of MSW Disposed
  - 287,000 tons – Bluff Road Landfill
  - 18,000 tons – Exported Outside County
- 72,000 tons C/D Waste Disposed

# Existing Solid Waste Management System

## Recycling Drop-off Sites

- Lincoln
  - multi-material sites
  - newspaper only sites
- Lancaster County
  - multi-material sites



# Existing Solid Waste Management System

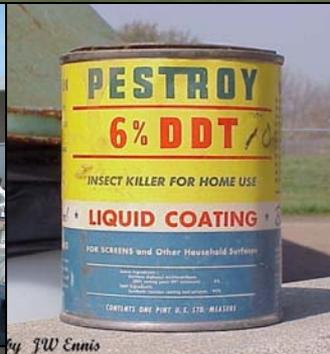
- Subscription Commercial Recycling
- Subscription Residential Curbside Recycling
  - private refuse haulers and businesses



# Existing Solid Waste Management System

## Toxicity Reduction

- Core Areas of Concentration
  - Household Hazardous Waste
  - Small Business Waste
- Waste requires special handling & disposal
- Largely unregulated waste streams



# Existing Solid Waste Management System

## Household Hazardous Waste

- Public Education & Behavior Change
- Community Partners
- Other Efforts



# Existing Solid Waste Management System

## Small Business Waste - Conditionally Exempt Small Quantity Generators (CESQG)

- Also called “Special Waste”
- Waste Stream Similar to HHW
- Technical Assistance



# Assessment of (Basic) Needs/Status Quo

- Legal and Regulatory Obligations
- Disposal Capacity Reached During Planning Period
  - Municipal Solid Waste Landfill
  - Construction & Demolition Waste Landfill
- Limitations of Available Data

# Assessment of (Basic) Needs/Status Quo

## Legal and Regulatory Obligations

- Nebr. Rev. Statutes Chapter 13, Section 13-2001 to 2043 – Integrated Solid Waste Management Act
- Lincoln Municipal Code 8.32 – Solid Waste
- NDEQ Requirements: Title 132 – Integrated Solid Waste Management Regulations

# Assessment of (Basic) Needs/Status Quo

## Disposal Capacity Reached During Planning Period

- Bluff Road Municipal Solid Waste Landfill
- North 48<sup>th</sup> Street Construction and Demolition Waste Landfill

# Assessment of (Basic) Needs/Status Quo

- Other Needs - identified in the planning process
- Additional systems, facilities or programs
  - Societal demands, or environment and economic goals and objectives

# Minimum Levels of Service

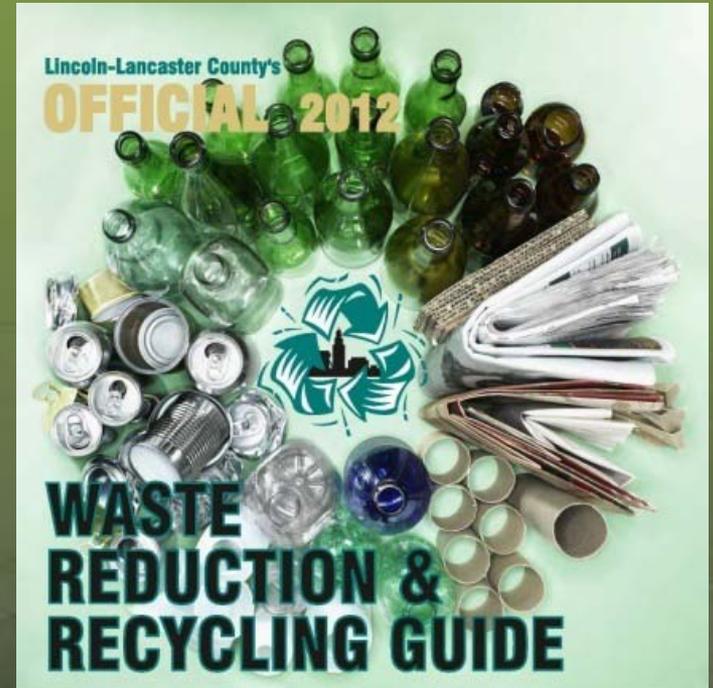
Education

Collection

Recycling and Diversion

Other Waste Programs

Disposal



# Minimum Levels of Service

## LPlan 2040 Guiding Principle

“The City policy of privately owned and operated collection of refuse and recyclables coupled with public ownership, operation and financing of disposal and selected integrated solid waste management services will continue during the planning period.”

# Service Area

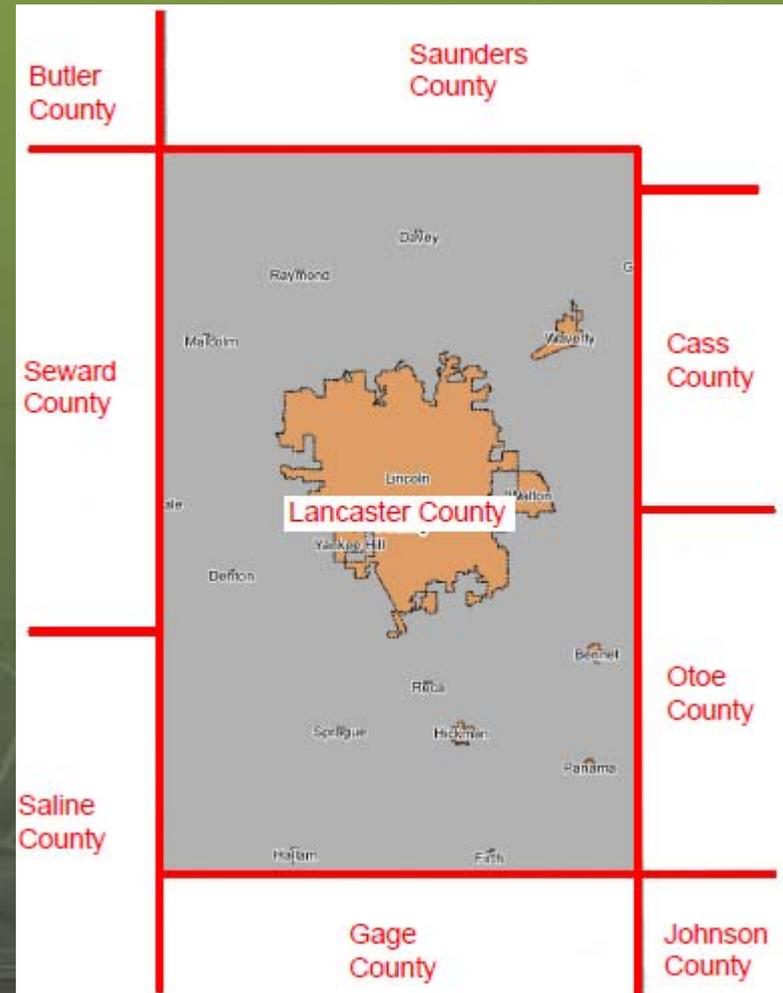
## LPlan 2040 Guiding Principle

“No out-of-county waste is accepted for landfill disposal. This policy reserves landfill capacity for city and county residents and allows administration of programs under existing authorities.”

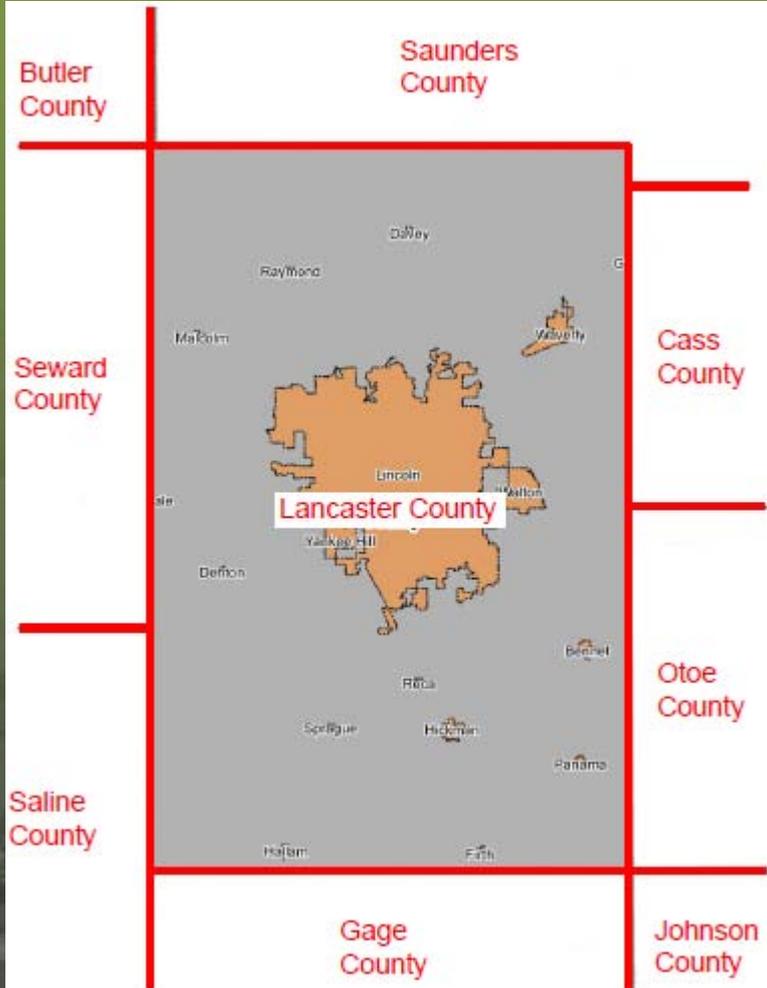
# Service Area

## Examples of Services:

- Disposal of out-of-county waste in landfills
- Recycling, composting and diversion programs
- Regional household hazardous waste facility
- Educational/Pollution prevention efforts



# Service Area



## Examples of Issues:

- Special Waste Permitting
- Licensing
- Program Compatibility
- Collection
- Costs
- Impacts

# Committee Questions & Discussion

- Solid Waste Management System
  - Regulatory Framework
  - Existing Systems, Facilities and Programs
  - Typical Cost Allocations
- Assessment of (Basic) Needs/Status Quo
- Minimum Levels of Service
- Service Area

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# Update on Public Participation

Website: [lincoln.ne.gov](http://lincoln.ne.gov)

–keyword: solid waste plan 2040

Social Media

–Facebook

–Twitter

Information Line

(402) 936-7042

City of Lincoln Nebraska  
Mayor Chris Beutler

Solid Waste Management Plan for Lincoln and Lancaster County  
**Solid Waste Plan 2040**

Home | The Plan | The Process | Committee | Contact | FAQs | Resources | Community Comments

**Solid Waste Plan 2040**

Follow us:

The development of a comprehensive, integrated solid waste management plan was identified as a strategy in the Lincoln-Lancaster County 2040 Comprehensive Plan (LPlan 2040). The Solid Waste Management Plan (Solid Waste Plan 2040) will be a guidance document, communication tool, and a resource for policy decisions. The Public Works and Utilities Department and the Lincoln-Lancaster County Health Department will facilitate the development of the Solid Waste Plan 2040.

Log on to <http://lincoln.ne.gov>  
Search: **Solid Waste Plan 2040**

Solid Waste Management Plan for Lincoln and Lancaster County

**Solid Waste Plan 2040**

# Plan Development

## Guiding Principles

- emphasize the **Waste Management Hierarchy**
- encourage **Public-Private Partnerships**
- ensure sufficient **System Capacity**
- engage the **Community**
- embrace **Sustainable Principles**

# Plan Development / Goals

Develop a comprehensive, integrated Solid Waste Management Plan for Lincoln and Lancaster County that promotes waste prevention, toxicity reduction, diversion, reuse and recycling as waste management strategies with higher and better use of natural resources than land disposal

# Plan Development / Goals

Establish quantifiable objectives and measurable performance indicators to assess progress in meeting plan goals.

# Plan Goals

Community Participation

Public-Private Partnerships

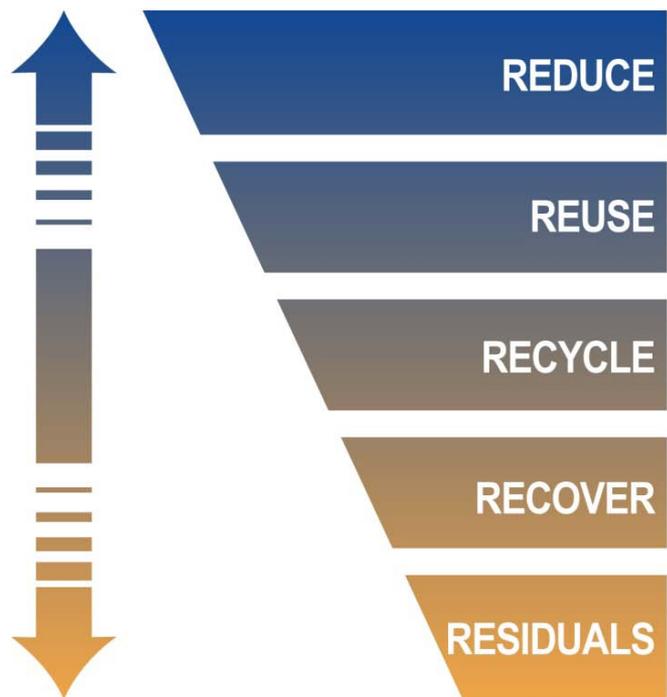
System Capacity

Sustainable Principles

# Plan Development - Goals

## Waste Management Hierarchy

Most Preferred



Least Preferred

**REDUCE** - prevention/sustainable consumption

**REUSE** - reusing waste in its current form; repeatedly using materials

**RECYCLE** - process waste to recover commercially viable products; use materials to make new products

**RECOVER** – recovery of energy from waste

**RESIDUALS** - disposal of wastes

# Overview of Alternatives/Assessment

## Future Topics/Modules

Source Reduction

Recycling & Composting

Disposal Capacity

Disposal Refinements

Implementation Considerations

Collection and Handling Programs

# Overview of Alternatives/Assessment

## Evaluation Criteria

- Waste Reduction/Diversion
- Technical Requirements
- Environmental Impacts
- Economic Impacts
- Implementation Viability

# Committee Questions & Discussion

- Public Participation
- Plan Development
  - Guiding Principles
  - Plan Goals
- Alternatives/Assessment
  - Future Topics/Modules
  - Evaluation Criteria

# Next Advisory Committee Meeting

August 14, 2012

2:30 pm to 4:30 pm

LLCHD Training Room (lower level)

3140 "N" Street

## Tentative Topics:

- Needs Assessment
- Source Reduction

# Public Comment

- Guidelines:
  - State name and address
  - Limit your remarks to time allotted – 3 minutes
  - Show respect to the meeting attendees, Advisory Committee members, facilitator and presenter(s)
  - No foul language or inappropriate behavior
  - Follow standard rules of decorum