



Recycle Lincoln!

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One of these is not like the others....
Or is it????

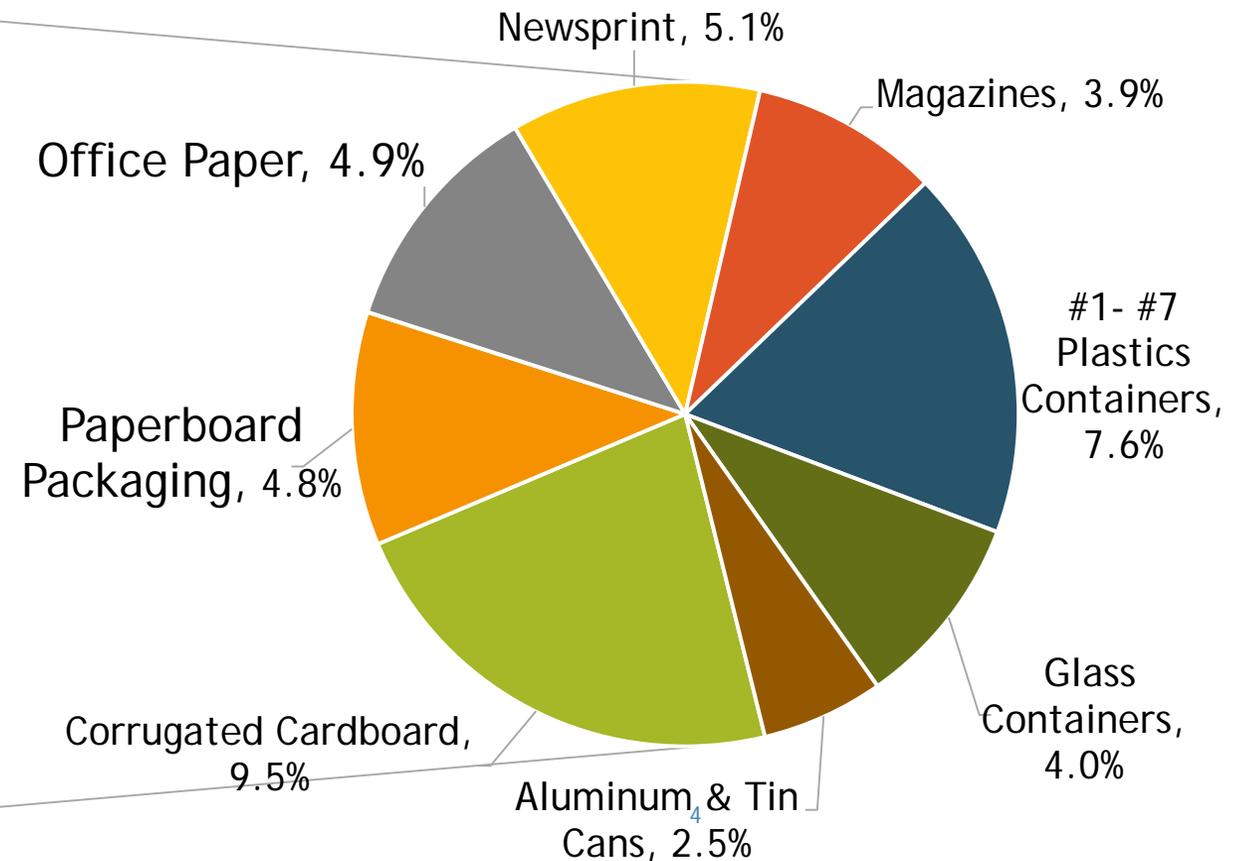
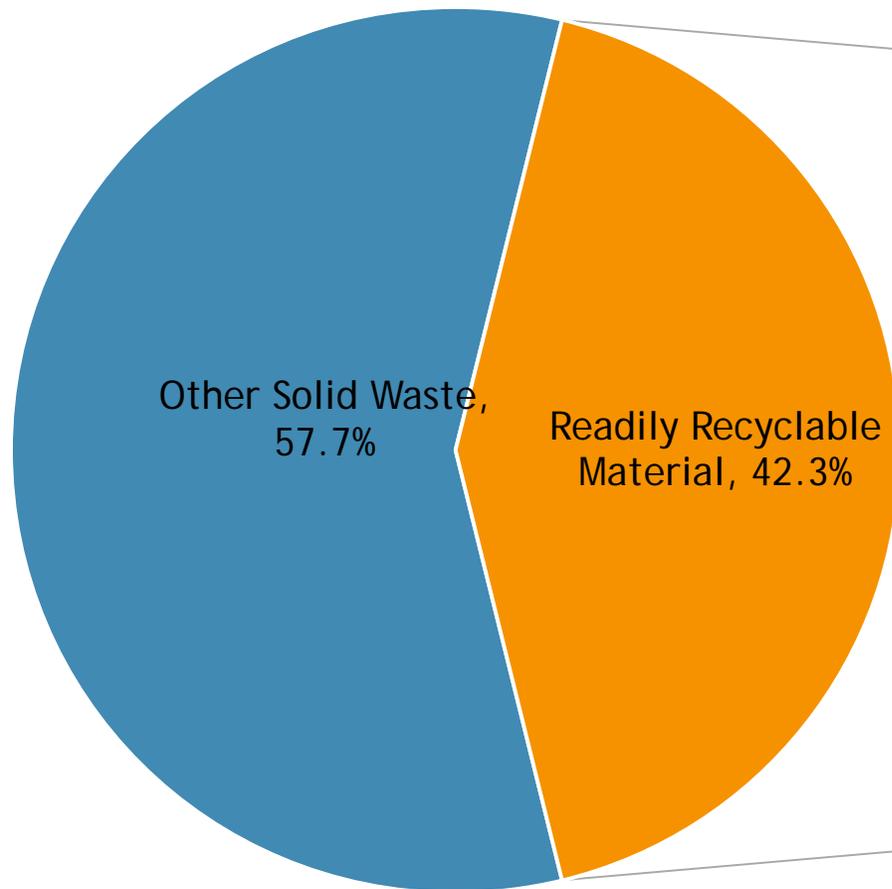


Recycling MAKES GREAT SENSE for Lincoln.....



- ▶ Lincoln consumers want convenient recycling choices
- ▶ Helps grow the local economy
- ▶ Reduces the expensive need to expand the landfill

About 42% of waste that goes to the Bluff Road Landfill in north Lincoln is readily recyclable.



Recycling MAKES GREAT SENSE for Lincoln.....

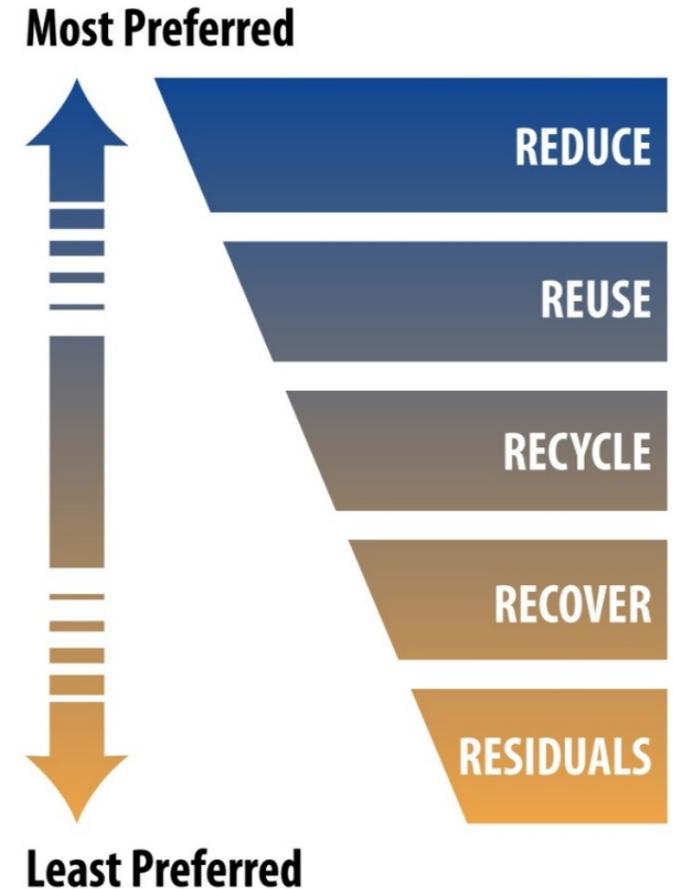
- ▶ It costs money to deal with the wastes of society and **either you pay to bury it in the ground or you pay to recover it and recycle it, and possibly generate revenue** from the recycling.

Solid Waste Management Plan 2040

- ▶ 20 Member Citizen Advisory Committee
- ▶ Overall Goal
 - ❖ Reduce the per capita rate of municipal solid waste disposed of in landfills to:
 - 1,895 pounds per capita per year by 2018
 - 1,720 pounds per capita per year by 2025
 - 1,475 pounds per capita per year by 2040

Metric: Base year of 2011 is 2,105 pounds per person per year and each goal is calculated on a 10%, 20% and 30% reduction in the base year.

SWMP 2040 was published in November of 2013.



Stakeholder Recycling Work Group Formed

▶ 10 Member Work Group

- ❖ Waste Haulers
- ❖ Recycler
- ❖ Businesses
- ❖ Property managers
- ❖ Public Works & Utilities Staff
- ❖ August 2014 - May 2015



Residential & Commercial Recycling - Recycle Work Group Proposal...



➤ Phase I:

- All haulers offer recycling to residential and commercial customers
 - Voluntary Subscription– allows use of drop-offs or choice of refuse/recycling collection company.
- Comprehensive educational / behavior change program.
- Data retrieval as part of hauler license to determine progress.

➤ Phase II:

- Disposal ban of corrugated cardboard from residential and commercial waste generators.

➤ Phase III:

- Consideration of future material disposal bans
- Continuing education program updated with new material disposal ban.

How do we implement these recommendations???



Meet with Stakeholders

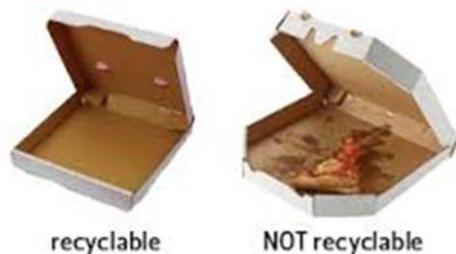
- ▶ Waste and Recycling Collection Companies
- ▶ Recycle Processors
- ▶ Property Managers - business, multi-family
- ▶ Small retailers, restaurants, Downtown Lincoln Association
- ▶ Large retailers and companies
- ▶ Human resources groups - Aging Partners, Center for People in Need
- ▶ Local Tech Companies
- ▶ Neighborhood Associations
- ▶ Home builders and construction companies (TBA)

Gather Suggestions - Draft Ordinance - In Process



DRAFT Ordinance - with a lot of help from our friends....

- ▶ **Starting with Definitions...**
- ▶ **Recyclable Cardboard** shall mean clean and dry corrugated cardboard consisting of three or more layers of paper material, at least one of which is rippled or corrugated, regardless of whether it has glue, staples, or tape affixed, but not if it is permanently attached to other packing material or a non-paper liner. Further, waxed cardboard or corrugated cardboard contaminated with oil, paint, blood, or other organic material shall not be considered recyclable cardboard.



Draft Definitions - Continued...

- ▶ **Newsprint** means uncoated paper of the type generally used for, but is not limited to, the publication of newspapers, commercial advertising inserts, or directories.
- ▶ **Recyclable Paper** means magazines, newspapers, telephone books, cereal boxes, mail, catalogs, copy paper, office paper, clean food boxes, paper bags, and other similar materials, but it does not include paper towels, tissues, plasticized or waxed paper, books with metal rings, folders with metal clips, or food boxes in which the food items where the food item came into direct contact with the container.

Draft Definitions - Continued...

- ▶ **Recycling Collector** shall be any person that collects one or more **recyclables**.
- ▶ **Recyclable** means aluminum cans, steel (tin) cans, plastics #1-#7, newspaper, mixed paper, and recyclable cardboard.



Draft - Progressive Landfill Ban Dates ...

- ▶ Recyclable cardboard shall not be disposed in the City landfills effective April 1, 2017.
- ▶ Newsprint shall not be disposed of in the City landfills effective April 1, 2018
- ▶ Recyclable paper shall not be disposed of in the City landfills effective April 1, 2019.

Goal: To **DOUBLE** our recycling rate by the year 2020!!!!



Draft License Requirement - Recycling Collector

- ▶ It shall be unlawful for any person other than a licensed waste hauler to collect, haul, or convey recyclables separated at the source from property within the corporate limits of the city or within three miles thereof without first having procured a license to do so under the provisions of this chapter; provided, however, no license shall be required for a homeowner conveying recyclables from his or her own residence.



Draft -Licensing Requirement Services Offered

Recycling,
Please!!

- ▶ Each licensed waste hauler shall offer recycling services to all residential and commercial customers. Such service does not have to be provided directly by the licensed waste hauler, but may be offered to customers via contractual agreement between a licensed waste hauler and a recycling collector. Each licensed waste hauler must notify each of their customers of the availability of recycling services at least two times each calendar year., and the form of said notification is subject to the approval of the City acting through the Health Director. At a minimum, recycling services offered shall include collection and removal of all recyclables at least once per week.

Draft - Licensing Requirement - Application Information Required

- ▶ Application for a license to collect, haul, or convey recyclables shall be made to the Health Director upon forms furnished by the Health Director, which shall set forth the
 - ▶ name and residence of the applicant,
 - ▶ the business location,
 - ▶ the number and kind of vehicles to be used, with a definite description of each such vehicle,
 - ▶ and such other information as may be required to satisfactorily identify the applicant and such vehicles. Each such license certificate shall be numbered, and the applicant shall affix a permanent sticker with the license certificate number provided by the Health Director to each vehicle used by the applicant...



Draft - Licensing Requirement - Annual Reporting



How well
are we
doing????

- ▶ Each recycling collector and waste hauler collecting recyclables shall complete an annual report on forms provided by the City, to be submitted to the City at such time as the recycling collector and/or waste hauler submit an application to renew their recycling collector or waste hauler permit, relating to recycling collection services provided within the corporate limits of the city and within three miles thereof which contains, at a minimum, the following:
 - ▶ number of recycling customers,
 - ▶ types of materials collected,
 - ▶ total weight of recyclables collected, total weight by material type if applicable,
 - ▶ and the location(s) where recyclables were delivered.
- ▶ Such information shall be provided to the City in such a way that the recycling collector or waste hauler submitting the information is not identified on the form containing the required information.

Draft - Receptacles to be Provided for Recyclables -Specifications.

- ▶ Separate receptacles for holding recyclables shall be provided to customers and maintained by the Recycling Collector or any waste hauler providing recycling collection. Such receptacles shall be durable, have a tight-fitting lid, be water-tight and be kept in serviceable conditions at all times. Plastic bags shall not be used for outside storage of recyclables.
- ▶ Sufficient number of receptacles shall be provided...
- ▶ Covered...
- ▶ Must display name of Recycling Collector...
- ▶ Alternative methods may be approved by the Health Director



Draft - DUTY to RECYCLE

- ▶ Recyclables separated at the source and collected by a licensed recycling collector or a licensed waste hauler shall not be comingled with waste or disposed of in a landfill.



Enforcement....



If the 57,500 tons of recyclable paper fibers were recycled instead of landfilled, we would...

- ▶ Save 82,000 cubic yards of landfill space annually valued at \$1 million.
- ▶ Recover close to \$2.7 million in the economic value of the recyclables.
- ▶ Conserve close to 757,000 million BTU's in energy.
 - ▶ This is equivalent to the annual energy consumption of 6,730 homes or over 6 million gallons of gasoline.
- ▶ Create new jobs to collect and process the recyclables.
- ▶ Serve as a model for resource conservation to other communities in the region.

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Questions?