ADAMS COUNTY
WASTE HAULER LISTENING SESSION

May 25, 2023
INTRODUCTIONS

Tay Dunklee
Project Manager
RRS

Juri Freeman
Managing Principal
RRS

Katie Keefe
Environmental Programs Manager
Adams County
Managing change in a resource-constrained world.

since 1986
Please stay muted when you are not speaking

Use chat function for comments, questions, or technical issues

Meeting will be recorded

We will be using a live polling platform (PollEV) - please join on a computer if possible

If you can’t access PollEV you can use the chat function
<table>
<thead>
<tr>
<th>ITEM</th>
<th>TIME</th>
<th>TIME</th>
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<tbody>
<tr>
<td>Welcome &amp; Introductions</td>
<td>12:30 p.m.</td>
<td>0:10</td>
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<tr>
<td>County Aims and Background</td>
<td>12:40 p.m.</td>
<td>0:10</td>
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<tr>
<td><strong>Discussion: Hauler Licensing Options - opportunities, considerations &amp; challenges</strong></td>
<td>12:50 p.m.</td>
<td>0:20</td>
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<tr>
<td>Discussion: Waste Diversion Opportunities</td>
<td>1:10 p.m.</td>
<td>0:10</td>
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<tr>
<td>General Q&amp;A</td>
<td>1:20 p.m.</td>
<td>0:05</td>
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<tr>
<td>Meeting Closeout &amp; Next Steps</td>
<td>1:25 p.m.</td>
<td>0:05</td>
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MEETING AIMS

• Share Adams County project aims and background
• Solicit input on potential hauler licensing ordinance elements
• Discuss additional opportunities, ideas, and challenges to increase waste diversion in Adams County
LET'S PRACTICE WITH ‘POLL EV’

HOW LIVE POLL WORKS:

Step 1: Open a new browser tab

Step 2: Type in the address bar:

pollEv.com/recycle123

Step 3: Enter first name, last initial (i.e. Tay D.)

Step 3: Poll questions will appear when the slide changes.

Or, via mobile: Text “Recycle123” to 37607
What best describes the services you provide in Adams County (Select all that apply)?

A. Residential Trash, Recycle, or Compost Collection 23%
B. Commercial Trash, Recycle, or Organics Collection 15%
C. Roll-off services 31%
D. Junk removal hauling
E. White goods / appliances collection 8%
F. Scrap metal services 15%
G. Other 8%
Do you recycle, reuse, or otherwise divert materials from being disposed of in a landfill? (Select all that apply)?

A. No, everything we collect gets landfilled 11%
B. We recycle 56%
C. We reuse, repair, or resell 22%
D. We compost
E. Other 11%
F. Not sure
ADAMS COUNTY PROJECT AIMS
COUNTY AIMS AND BACKGROUND

• Front Range Waste Diversion (FRWD) grant for Waste Diversion Improvement Project

• Sustainable Adams County 2030 Plan
  • Supports Goal 5, Community Waste

• Waste diversion rate for unincorporated Adams County is unknown

• CDPHE goals for Front Range waste diversion:
  • 39% by 2026
  • 51% by 2036
Adopt a hauler licensing ordinance that:

- Maintains open market for waste haulers
- Creates level playing field for all haulers
- Ensures community health and safety
- Collects waste data and tracks diversion progress
- Provides equitable and expanded access to recycling
- Increases diversion and waste reduction
BACKGROUND RESEARCH
WHAT IS HAULER LICENSING?

• Established by ordinance
• Requires waste haulers to apply for annual license to operate in jurisdiction
• Create a level playing field
• Created to achieve specific aims of a community
• 90+ waste haulers operating in unincorporated Adams County
• Estimated 121,000 tons of MSW generated (2021) in unincorporated Adams County
• Peer communities w/ hauler licensing:
  • 4 of 9 cities within or partially within Adams County already have hauler licensing
    • Arvada, Aurora, Federal Heights, Westminster
  • County peers include Boulder, Broomfield, Denver, Larimer, Pitkin, Summit
• No two hauler licensing ordinances are the same
NOTABLE ORDINANCE ELEMENTS EMPLOYED BY PEERS

• Define who (sectors, types of haulers) covered
• Include licensing or registration
• Basic registration and safety measures
• Vehicle and container labeling requirements
• Vehicle inspections
• Establish designated collection days
• Waste data collection
• Elements to increase access and diversion rates (i.e. embedded rates, PAYT, others)
DISCUSSION : ORDINANCE ELEMENTS
ORDINANCE ELEMENTS DISCUSSION BY CATEGORY

Discussion on each to identify opportunities, challenges, and other information
By implementing a hauler licensing ordinance, Adams County intends to maintain an open market subscription system for waste haulers and ensure a level playing field for all haulers.

- Requirement for haulers to be properly insured
- Requirement for drivers to be properly licensed
  - Measures to reduce leaking and spillage
  - Collection vehicle labeling requirements
  - Labeling containers, dumpsters, roll-offs
- Enforcement and penalties for non-compliance
- Minimal fee to cover administrative cost of licensing
IT’S TIME FOR A POLL!

HOW LIVE POLL WORKS:
Step 1: Open a new browser tab
Step 2: Type in the address bar: pollEv.com/recycle123
Step 3: Enter first name, last initial (i.e. Tay D.)
Step 3: Poll questions will appear when the slide changes.
Or, via mobile: Text “Recycle123” to 37607
Do you operate in a community, jurisdiction, or county, with a hauler licensing requirement?

- Yes: 86%
- No: 14%
Which, if any, of these basic licensing ordinance elements present a challenge to your company? (Select all that apply)?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Requirement to be properly insured</td>
<td>13%</td>
</tr>
<tr>
<td>b. Requirement to be properly licensed</td>
<td>13%</td>
</tr>
<tr>
<td>c. Measures to reduce leaking and spillage</td>
<td></td>
</tr>
<tr>
<td>d. Collection vehicle labeling requirements</td>
<td>38%</td>
</tr>
<tr>
<td>e. Labeling containers, dumpsters, roll-offs</td>
<td>38%</td>
</tr>
<tr>
<td>f. Enforcement and penalties for non-compliance</td>
<td></td>
</tr>
<tr>
<td>g. Minimal fee to cover administrative cost of licensing</td>
<td></td>
</tr>
<tr>
<td>h. Other</td>
<td></td>
</tr>
<tr>
<td>i. None of them are challenging</td>
<td>13%</td>
</tr>
</tbody>
</table>
Adams County intends to collect tonnage data from haulers to measure diversion and track progress.

• Company profiles
  • Annual reporting, online, using Re-TRAC
  • Includes residential and commercial MSW and may include other sectors and streams
• Data is private and aggregated, no data on pricing or number of customers
Do you operate in community, jurisdiction, or county where you have to report data?

- Yes: 100%
- No: None
What, if anything, makes it hard for you to report data? (Select all that apply)?

a. No issues
b. Do not know weights / data
c. Hard to separate tons by jurisdiction or generator
   50%
d. Increases staff time, no staff available to do it
   50%
e. Not sure how to do it
f. Other
How can the county make it easier for you to report data? (Select all that apply)?

- a. Provide training and support: 9%
- b. Provide grants or other funding: 9%
- c. Simplify data reporting requirements: 27%
- d. Allow for estimations: 18%
- e. Provide conversion factors to help with calculations: 9%
- f. Match reporting requirements with those in other CO jurisdictions: 27%
- g. Other: 9%
BRAINSTORMING
What barriers stand in the way of increasing recycling and diversion in Adams County? (open ended)
What else can Adams County do to increase waste diversion and advance the circular economy?
NEXT STEPS

May
Meeting 1
MSW Hauler
(in-person)

June
Deploy Residential Survey

July/August
Meeting 3
All Haulers (virtual)

July/August
Co-Develop Communications & Marketing Plan

Fall 2023
Stakeholder Forum (public, virtual)

Early 2024
County-Led Engagement & Outreach

May
Meeting 2
Non-MSW Hauler (virtual)

June/July
Decision Point & Develop Ordinance Elements

July/August
Meeting 4 Residents (virtual)

August
Ordinance Development

December
Goal Ordinance Passage