



**FRWD**

Front Range  
Waste Diversion

# FRONT RANGE WASTE DIVERSION TECHNICAL ASSISTANCE SERVICE PROVIDER (TASP)

*RCAB PRESENTATION*

*Presented by Laura Levesque*

April 26, 2023



# AGENDA

- TASP Program Overview
- Diversion in Boulder County & individual municipalities
- Universal Residential & Commercial Recycling
  - Colorado examples & sample policy language
  - Resources to support an ordinance
  - Stakeholder engagement
  - Commercial recycling considerations
    - Policy enforcement
    - Voluntary programs, incentives and rebates
- TASP Resources

# THE TASP TEAM



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Managing Principal



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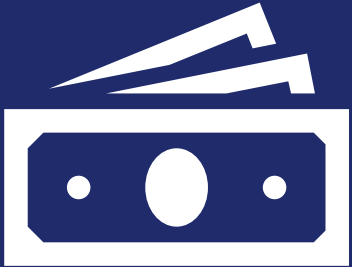
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Eco-Cycle  
Campaigns Project Manager

# AIM OF TASP (TECHNICAL ASSISTANCE SERVICE PROVIDER PROGRAM)



Provide communities with resources and ‘no cost’ technical assistance needed to achieve waste diversion and reduction goals.

# FUNDING



- Provided by FRWD enterprise grant fund, administered by CDPHE
- No cost for communities to participate
- Not a grant, TASP is technical assistance only
- Does not provide capital funding



# TIERS OF TECHNICAL SUPPORT

## TIER 1

### Workshops



### Office Hours



### Resource Library



## TIER 2

Technical Consulting  
(30 - 300 hours of tech support,  
generally 1-6 months)



## TIER 3

In-Depth Technical  
Consulting  
( >300 hours of tech support, 6-  
18 months)





# BOULDER COUNTY WASTE DIVERSION



Photo from Boulder County Zero Waste Action Plan



# BOULDER COUNTY WASTE DIVERSION

Boulder County Communities	Residential Recycle & Compost Rate	Residential Recycling Program	Residential Composting Program	Commercial
Boulder	37%	Open Market – Ordinance requires bundled recycling & compost	Open Market - Universal Curbside Compost	Universal Zero Waste Ordinance
Erie	N/A	Open Market, Opt-in	Open Market, Opt-in	
Jamestown	N/A	Open Market, Opt-in	N/A <i>Tree limb drop-off (Allenspark)</i>	
Lafayette	31%	Universal Collection (Contract)	Universal Curbside Compost (Contract)	
Longmont	42%	Municipal Hauler	City-run Opt-in Compost	
Louisville	29%	Universal Collection (Contract)	Universal Curbside Compost - Contract	
Lyons	N/A	Open Market, Opt-in	Open Market, Opt-in	
Nederland	N/A	Open Market, Opt-in	Organics Drop-off Center	
Superior	29% in 2020	Universal Collection (Contract)	Muni Organized, Opt-in Compost	
Ward	N/A	Open Market, Opt-in	N/A <i>Tree limb drop-off (Allenspark)</i>	
<b>County</b>	<b>38%</b>	Unincorporated: Universal Zero Waste Ordinance		

## COMMERCIAL SECTOR - BUSINESSES AND INSTITUTIONS

Action step: Require single-stream recycling services at businesses\*

--	★	★★	★★★	★★★★
No targeted education or resources provided	Has local green business program	Requires some types of businesses to recycle	Requires all businesses to have recycling service	Monitors diversion and enforces compliance
Erie Jamestown** Lyons Nederland Ward	Boulder County Lafayette Longmont Louisville Superior		Boulder	

\* Two stars may be the highest achievable score in mountain towns based on limited availability of curbside collection.

\*\* Only business in town that generates significant materials already contracts for compost and recycling.

Action step: Require compost collection at businesses

--	★	★★	★★★	★★★★
No education or resources provided	Has local green business program	Provides incentives or funding for equipment or services	Requires some businesses to compost	Requires all businesses to compost
Erie Jamestown Lyons Nederland Ward	Lafayette Longmont Louisville Superior	Boulder County		Boulder

\* Two stars may be the highest achievable score in mountain towns based on limited availability of curbside collection.

## COMMERICAL SECTOR

## OPPORTUNITIES FOR RECYCLING & COMPOSTING ALREADY IDENTIFIED IN BOULDER COUNTY ZERO WASTE ACTION PLAN 2020

**REUSE**  
Opportunities for waste reduction

# MULTI-FAMILY

## OPPORTUNITIES FOR RECYCLING AND COMPOSTING ALREADY IDENTIFIED IN BOULDER COUNTY ZERO WASTE ACTION PLAN 2020

Action step: Implement single-stream recycling collection at MFUs

--	★	★★	★★★	★★★★
No targeted education or resources provided	Assess participation levels and obstacles	Supports pilot programs or provides services to some MFUs	Requires adequate levels of collection at all properties	Provides ongoing monitoring and education
Erie Lafayette Louisville Lyons Nederland Superior		Longmont Boulder County	Boulder	

N/A for Ward, Jamestown

Action step: Implement compost collection at MFUs

--	★	★★	★★★	★★★★
No targeted education or resources provided	Assess participation levels and identify challenges	Supports pilot programs or provides services to some MFUs	Requires adequate levels of collection at all properties	Provides ongoing monitoring and education
Erie Lafayette Longmont Louisville Lyons Nederland Superior		Boulder County	Boulder	

N/A for Ward, Jamestown

## C & D

# OPPORTUNITIES FOR RECYCLING & REUSE ALREADY IDENTIFIED IN BOULDER COUNTY ZERO WASTE ACTION PLAN 2020

Action step: Require deconstruction for C&D projects

--	★	★★	★★★	★★★★
No resources provided	Provides educational resources and/or website	Requires a deconstruction plan and/or walk through	Charge a redeemable deposit for deconstruction	Monitor and enforce compliance
Erie Lafayette Longmont Louisville Lyons Superior		Boulder Boulder County Jamestown** Ward**	Nederland*	

\*Requires a deposit on building permits that is refunded based on how much material is recycled

\*\* Jamestown and Ward building permits issued by the County, thus follow the same guidelines the County sets.

Action step: Require recycling and reuse at C&D projects

--	★	★★	★★★	★★★★
No specific diversion goals	Requires diversion of cardboard and/or metal	Set a specific diversion target for at least some projects	Requires diversion at least 50% of materials from some projects	Requires diversion of 75% of all materials from all projects
Erie Lafayette Longmont Louisville Lyons Nederland Superior		Boulder Boulder County Jamestown* Ward*		

\* Jamestown and Ward building permits issued by the County, thus follow the same guidelines the County sets.



# UNIVERSAL RESIDENTIAL & COMMERCIAL RECYCLING

*Ensuring all residents, employees, and businesses have convenient access to recycling*

## Your pre-submitted questions:

- Best practices in engaging businesses in this new ordinance
- What is the biggest challenge in passing a recycling ordinance

## Where does it exist in Colorado?

City of Boulder, Boulder County (unincorporated), Pitkin County (unincorporated), Aspen, Denver, Breckenridge, Frisco, Carbondale, Durango, Ridgway, Steamboat Springs, Vail, Fort Collins, (Avon, coming Nov. 2023)



Photo credit: Smith Julmisse  
(for [AustinTexas.gov](https://austintexas.gov))

# EXAMPLES OF ORDINANCES

## CITY OF BOULDER ORDINANCE NO. 8045

WHEREAS, THE CITY COUNCIL OF THE CITY OF BOULDER, COLORADO, FINDS AND RECITES THE FOLLOWING: The city, through its policies, programs, and laws, supports efforts to reduce the amount of waste that must be disposed of in landfills and pursues "zero waste" as a long-term goal by emphasizing waste prevention efforts

6-3-3. - Accumulation of Trash, Recyclables, and Compostables Prohibited.

6-3-9. - Special Trash Service Requirements on Certain Residential Rental Properties at Certain Times.

6-3-13. - Property Owner Requirements for Recyclables and Compostables Collection.

6-3-14. - Business Owner Requirements for Recyclables and Compostables Collection.

6-3-15. - Special Events Requirements for Recyclables and Compostables Collection.

## TOWN OF FRISCO COUNTY OF SUMMIT STATE OF COLORADO ORDINANCE 22 - 04

WHEREAS, in August of 2005, the Summit County Board of County Commissioners approved Resolution No. 2005-64 to establish a zero waste goal through the promotion of reduced consumption, reuse of materials and increased recycling until the concept of a landfill is obsolete

- § 124-26. Hauler licensing and reporting requirements.
- § 124-27. Hauler service requirements. (residential & commercial)
- § 124-28. Residential Customer and Commercial Customer Requirements.
- § 124-29. Violations and Penalties.



*Ordinance language was drafted through intergovernmental collaboration between Frisco, Dillon, Breckenridge, and unincorporated Summit County for easier adoption and provides opportunity for modification.*

# ADDRESSING CHALLENGES

- Clear explanation of Ordinance Requirements and Exemptions
- Signage guidance and downloadable collateral
- Listing of hauler services
- Training materials for employees
- Education materials
- Staffing to answer questions:
  - Onsite bin placement guidance
  - Cart or bin size estimations

## Optional considerations:

- Tiered approach based on waste generation
- Rebate options to offset initial costs

## Meeting Ordinance Requirements

1

### Understand Ordinance Requirements

The city's Universal Zero Waste Ordinance requires all properties in Boulder to have waste services that provide separated compost, recycling and trash.

All businesses must:

- Provide correctly placed collection containers.
- Have required signs.
- Train employees on proper sorting.

### All property owners, both residential and commercial, must:

- Subscribe to compost, recycling and trash collection service.
- Regularly provide renters with information on where bins are located.

See additional steps and resources for each requirement below.

4

### Train Employees

Boulder's Universal Zero Waste Ordinance requires businesses to recycle and compost, provide zero waste signs and educate employees on proper waste sorting.

Training is easy! Have employees review our [Waste Sorting 101 guide](#) and [play our sorting game](#).

5

### Exemptions

In limited cases, a business or property owner may apply for an exemption from complying with the requirements of the Universal Zero Waste Ordinance. In order to be granted an exemption, applicants must demonstrate they have considered all reasonable options that would bring their business or property into compliance.

Please review the [exemption descriptions](#) before submitting the [Zero Waste Reporting Form](#) that includes a section for exemption request.

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### Need additional help?

Please contact [zerowaste@bouldercolorado.gov](mailto:zerowaste@bouldercolorado.gov) or call [303-441-1931](tel:303-441-1931) to request assistance or inquire about available in-person advising services.

# PREP WORK: STAKEHOLDER ENGAGEMENT

Haulers



MFC & HOA



Businesses



Public





# HAULER INTERVIEWS



Engage one-on-one (1:1) informational interviews to gather feedback and input regarding various policy options, ability to comply with updated policies, and how policies will impact their businesses.

Common talking points:

- Capacity for increased hauling; trucks, labor, routes
- Existing contracts with Businesses, HOAs and MFCs
- Position on ‘preferred hauler’ or single-hauler approach
- Approaches to reduce contamination
- Timeline to allow bidding and implementation of program

# COMMERCIAL SECTOR ENGAGEMENT

## Businesses



## Multi-family



## C & D



### Considerations:

- Possible phased implementation based on size and/or waste generation
- Assistance with bin placement & physical space constraints
- Worker impact; additional time and labor expense, training, administration
- Voluntary programs (*PACE for Green Biz, Certifiably Green Denver, Ft. Collins & Lakewood MFC starter program*)
- Financial incentives
- Enforcement & penalties
- Contamination fees (*sometimes from illegal dumping*)
- Event permitting to include recycling and composting
- Demolition permits that require minimum recycled content

# PUBLIC ENGAGEMENT

Suggested approaches:

- Peer to Peer Engagement
- Community Presentations and Activities
- Tabling at Events
- Open House
- Public Meetings with City Leadership
- Community Survey
- Residential Focus Groups

*Example of Avon, CO campaign*



# ENFORCEMENT

1. Compliance reporting: Reliance on self-reporting and addressing complaint-based inquiries.
2. Inspections: to ensure businesses are complying with recycling requirements. Inspectors can check to see if the business has recycling bins available, if the bins are labeled correctly, and if the bins are being used properly.
3. Education and outreach: to help businesses understand recycling requirements and how to comply. This can include providing informational materials, workshops, and training sessions.
4. Rewards and incentives: can include recognition programs, tax incentives, or other benefits.
5. Fines: for failure to comply with recycling requirements. Fines can be a powerful incentive for businesses to comply, as they can be costly and can add up over time.
6. Revocation of permits or licenses: In extreme cases, local governments can revoke permits or licenses for businesses that consistently fail to comply with recycling requirements. This can be a last resort, but it can be an effective way to ensure compliance.



# WASTE REDUCTION REBATES & INCENTIVES

## Partners for a Clean Environment (PACE)

helps businesses in all Boulder County communities improve their business practices in the areas of energy efficiency, **waste reduction**, water conservation and quality and alternative transportation.

### Available Rebates and Incentives

PACE incentives are available on a first come, first serve basis. Businesses are required to contact an advisor to confirm funding availability, ensure that your project meets the eligibility requirements.

#### — Up To \$1,000 Incentive Towards Reusable Solutions (City of Lafayette Only)

The City of Lafayette is committed to supporting businesses transitioning from single-use items to reusable solutions. To help small businesses cover some of the costs, the City of Lafayette and PACE is offering a one-time incentive toward purchasing reusable solutions (only while funds last). Incentives can cover up to 50% of total project costs and will not exceed \$1,000. Fill in the application form [here](#). Examples of items funded include but are not limited to:

- Durables dishware
- Reusable takeout containers
- Dishwashers

If you have questions, contact a PACE advisor at [info@PACEpartners.com](mailto:info@PACEpartners.com) or 303-786-7223

#### + Up To \$2,000 Incentive Towards Reusable Solutions (City of Boulder Only)

#### + Subsidized Reusable Takeout Container Program (City of Boulder Only)

#### + Up To \$1,000 Incentive Towards Reusable Cups for Venues (City of Boulder Only)

#### + \$300 for Indoor Recycling, Compost, and Trash Bins (For Businesses Outside the City of Boulder)

#### + \$150 for Starting Recycling or Compost Pickups

#### + Free Custom Signage

#### + Free Training

#### + Other Resources

# WASTE REDUCTION PROGRAMS LOUISVILLE (COMING SOON)

## City of Louisville: Bag tax funded commercial waste reduction programs

- Hard – to – recycle six month subscription to biweekly pickup service (up to \$500)
- Incentive to start a commercial recycling collection (\$500 + existing \$150 PACE incentive). Requires a one year commitment.
- Reusable restaurant takeout container pilot: 3 months of program participation – includes container purchase, stocking/cleaning, customer subsidy (\$500 value)
- Zero Waste Grant: \$500 towards project that promotes reusable products or reduces waste

# ZERO WASTE BUSINESS REBATE

The **City of Austin** has a Zero Waste Business Rebate as an incentive for businesses to improve their waste reduction and diversion practices. Eligible businesses can receive up to \$3,000 for reducing waste beyond the minimum requirements of the Universal Recycling Ordinance.

## Eligible Rebates:

- Promote shared use diversion containers between multiple affected premises (up to \$1,800)
- Provide indoor recycling bins to residents at multifamily properties (up to \$1,800)
- Expand food donation programs to people or to a charitable food organization (up to \$3k)
- Ditch single-use plastic and foam items for reusable and compostable options (up to \$1,800)
- Start or expand your compost program at your property or business (up to \$3K)
- Increase recycling options (HtR) for employees or residents at your business (up to \$1,800)

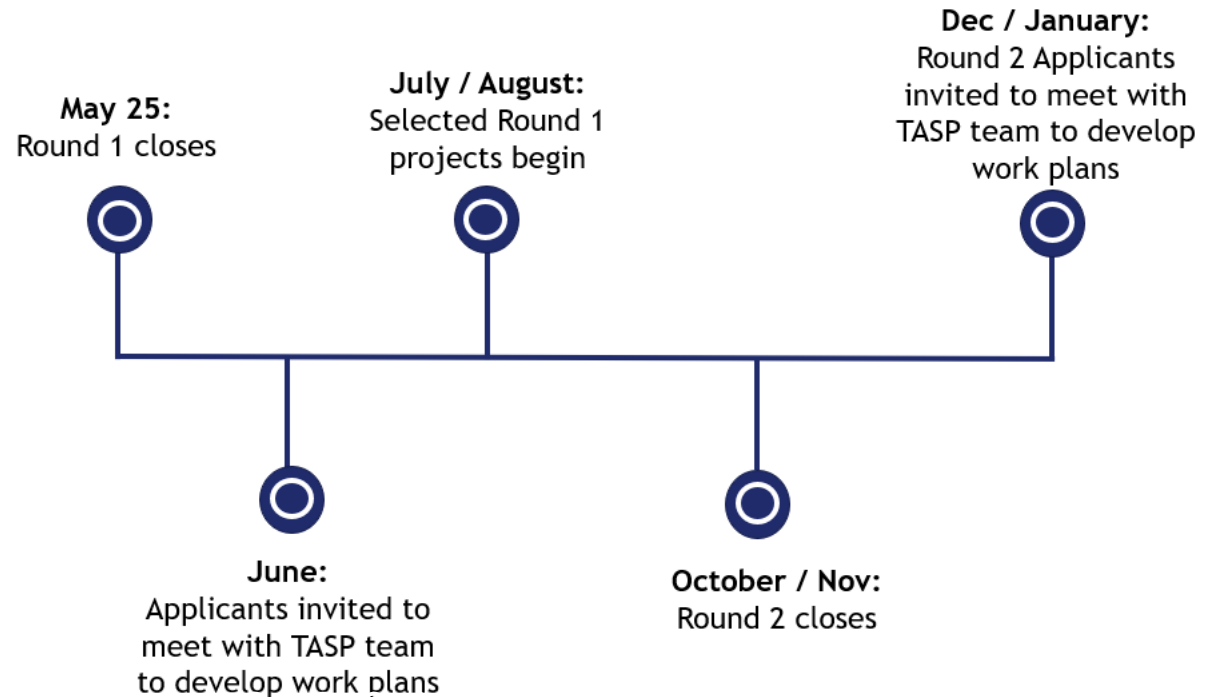
# ACCESSING TASP RESOURCES

Website: <https://www.coloradofrwd.org/tasp>

- TASP Resource Library
- Register for an Office Hour Appointment
- Apply for Direct Consulting: *(May 25<sup>th</sup> deadline for Round 1)*
  - Download informational application packet
  - Online application form



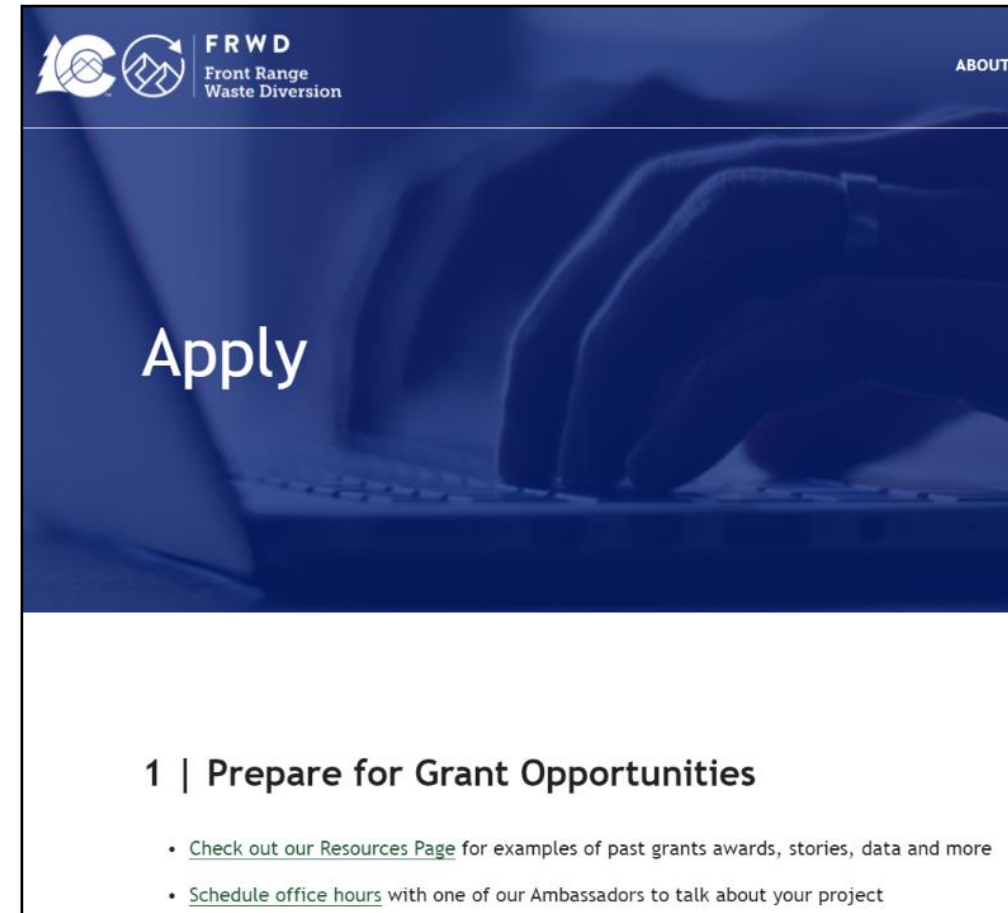
## Application timeframe





# APPLICATION

- 1) Community Information
- 2) Project Basics
  - A. Sectors, Streams
- 3) Project Summary (<100 words) and Outline
  - A. Major Aims and Activities
- 4) Details, 4 questions (<800 words total)
  - A. Impact, Need, Feasibility, Access & Equity
- 5) Attachments: Letter of Support





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# THANK YOU & QUESTIONS

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## EMAIL

[FrontRangeTASP@recycle.com](mailto:FrontRangeTASP@recycle.com)

PHONE: 720.213.6619