



Sustainability Office

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BoulderCountySustainability.org

Boulder County Resource Conservation Advisory Board Meeting Minutes – February 28, 2018

Present:

Michael Donovan – At-Large
Brandon Hill – Resource Central
Bryce Isaacson – Western Disposal
Bridget Johnson –Town of Jamestown (phone)
Suzanne Jones – Eco-Cycle
Charles Kamenides – City of Longmont
Dan Matsch – Town of Lyons
Mark Persichetti – City of Louisville
Tim Plass – At-Large
David Snapp – At Large
Sam Weaver – City of Boulder
Stephanie Walton – City of Lafayette

Active Members Not Present:

Darla Arians – Boulder County
Russ Callas – At-Large
Jack DeBell – CU Recycling
Chris Hanson – Town of Superior
Roger Pacheco – Republic Services
Chris Pelletier – Town of Nederland
Ken Wilson – At Large

RCAB Staff Liaison:

Tyler Kesler – Commissioners’
Office/Sustainability
Leigh Ratterman– Commissioners’
Office/Sustainability

Guests:

Kevin Afflerbaugh – Western Disposal
Andrea Doukakis – City of Boulder Resident
Noah Eisenman – City of Boulder
Chris Gallagher – LID Landscapes
Jamie Harkins – City of Boulder
Emily Jacobson – Sustainable Resilient
Longmont
Lisa Knoblauch – City of Longmont
Sustainability Coordinator
Sara Preinitz – Vessel Revolution
Aren Rodriguez – City of Longmont
Lisa Skumatz – SERA Consultant (phone)
Dagny Tucker – Vessel Revolution
Alex Vanamburgh – City of Boulder Resident

1. Call to Order

Chair Charles Kamenides called the meeting to order at 4:48 pm

2. Approval of January 24, 2018 Minutes

Brandon Hill motioned for approval and Tim Plass seconded; unanimous vote approved.

3. Community Updates & Public Comment

- **Boulder County** – Is partnering with Eco-Cycle to do a composting “Train-the-Trainer” a follow-up to the recycling training held at the beginning of the year. The event will take place at the Boulder County Recycling Center on March 20st at 9am.
- **City of Boulder** – Bag fees continue to be of interest from a myriad of communities and groups in Estes, Longmont, and even a 5th grade class in Louisville requested information and presentations this month. Also, the community has been expressing more and more interest in creating a Styrofoam ban or fee.
- **City of Longmont** – The methane C&G project is continuing and more details and news to come.
- **City of Lafayette** – Lafayette City Council passed waste diversion goals of 45% by 2021, 50% by 2026, 65% by 2036, 85% by 2046. They will be considering a hauler ordinance as

well. The City of Lafayette Public Works Director is very much an advocate of any and all progress in this direction.

- **Eco-Cycle** – Successful electronics recycling partnership with Blue Star Recyclers – 8 jobs have been created. They want to continue bringing in as much electronic waste as possible in order to hire more employees and further the mission and impact (social, economic, and environmental). Eco-Cycle is looking at all sorts of Styrofoam opportunities for recycling. A new unit will be installed at the CHaRM soon.
- **Resource Central** – Is holding a massive tool sale March 24th with a new partnership with McGuckins Hardware. Community members can donate their tools at the McGuckins Hardware Store and they will give you a 10% discount for your purchase.
- **Town of Louisville** – Staff from the Sustainability Board are presenting to City Council on short term funding proposals for sustainability measures within the city for the next two years.
- **Town of Lyons** – Next week the Sustainability Futures Commissions is doing a work shop with the Board of Trustees and recommending directing staff to create a RFP or RFI to gather information about the costs of a single hauler recycling and compost curbside collection.

4. **Vessel Revolution Reusable Cup Project Presentation:** (see attached presentation)
Dagny Tucker with Vessel Revolution, a new startup in Boulder and recipient of a 2018 Zero Waste Funding grant.

<http://vesselwrks.com/>

5. **Resource Central Online Tool Library Presentation:** (see attached presentation)
Brandon Hill presented on Resource Central's new online tool library. Community members can see if a tool is available and reserve for pickup. <https://tools.resourcecentral.org/>

6. **City of Boulder New Bin Signage:** (see attached presentation)
Noah Eisenman presented on a new zero waste signage program.

7. **RCAB Retreat Follow up for 2018 Work Plan:**
Leigh Ratterman presented on the RCAB 2018 work plan. Work plan includes:
Short-term:

- RCAB member plan to share information with their communities
- Food Waste Reduction
- Subcommittees

Medium-term

- Infrastructure Recommendations (C+D and Compost)
- Sustainability Tax input
- Zero Waste Action Plan Update

8. **Adjournment:** Charlie Kamenides called the meeting to a close at 6:19 pm





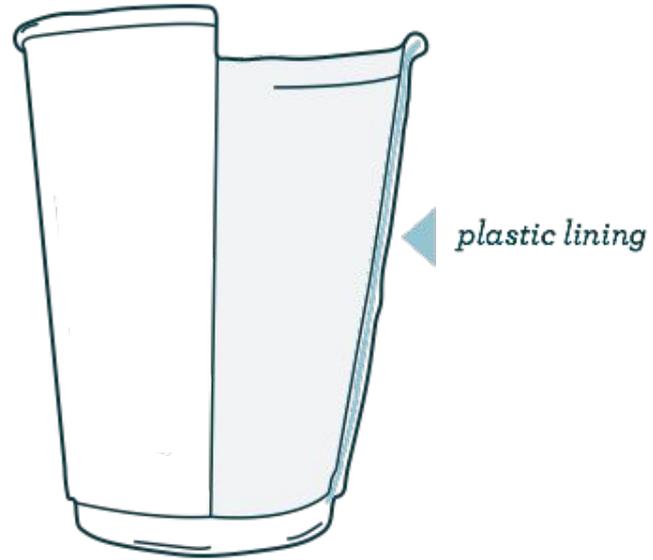


58,000,000,000
cups per year are landfilled

*This is enough garbage to fill
the Empire State Building*

90
times











**“We cannot solve our problems with
the same thinking we used when
we created them.”**

- Albert Einstein





France becomes first country to ban plastic cups and plates

By Sophie Eastaugh, for CNN
Updated 4:30 AM ET, Tue September 20, 2016



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The Telegraph

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The priciest part of your takeaway coffee? It's the cup, not the beans

It is bad news for anyone who thinks the high price they pay for a cup of takeaway coffee reflects the quality of the beans.



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Canada BC

Vancouver considering ban on disposable coffee cups, plastic bags

Staff are researching options to cut down on the amount of single-use items ending up in public garbage bins
By B.C. Almanac, CBC News | Posted: Feb 05, 2016 12:51 PM PT | Last Updated: Feb 05, 2016 12:51 PM PT



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India just banned all forms of disposable plastic in its capital

National tribunal prohibits use of cutlery, bags and other plastic items amid concern over pollution of the sea and air

ian Johnston Environment Correspondent | @montaukian | Wednesday 25 January 2017 13:32 GMT | 22 comments



Click to follow





of adults in U.S.
drink coffee

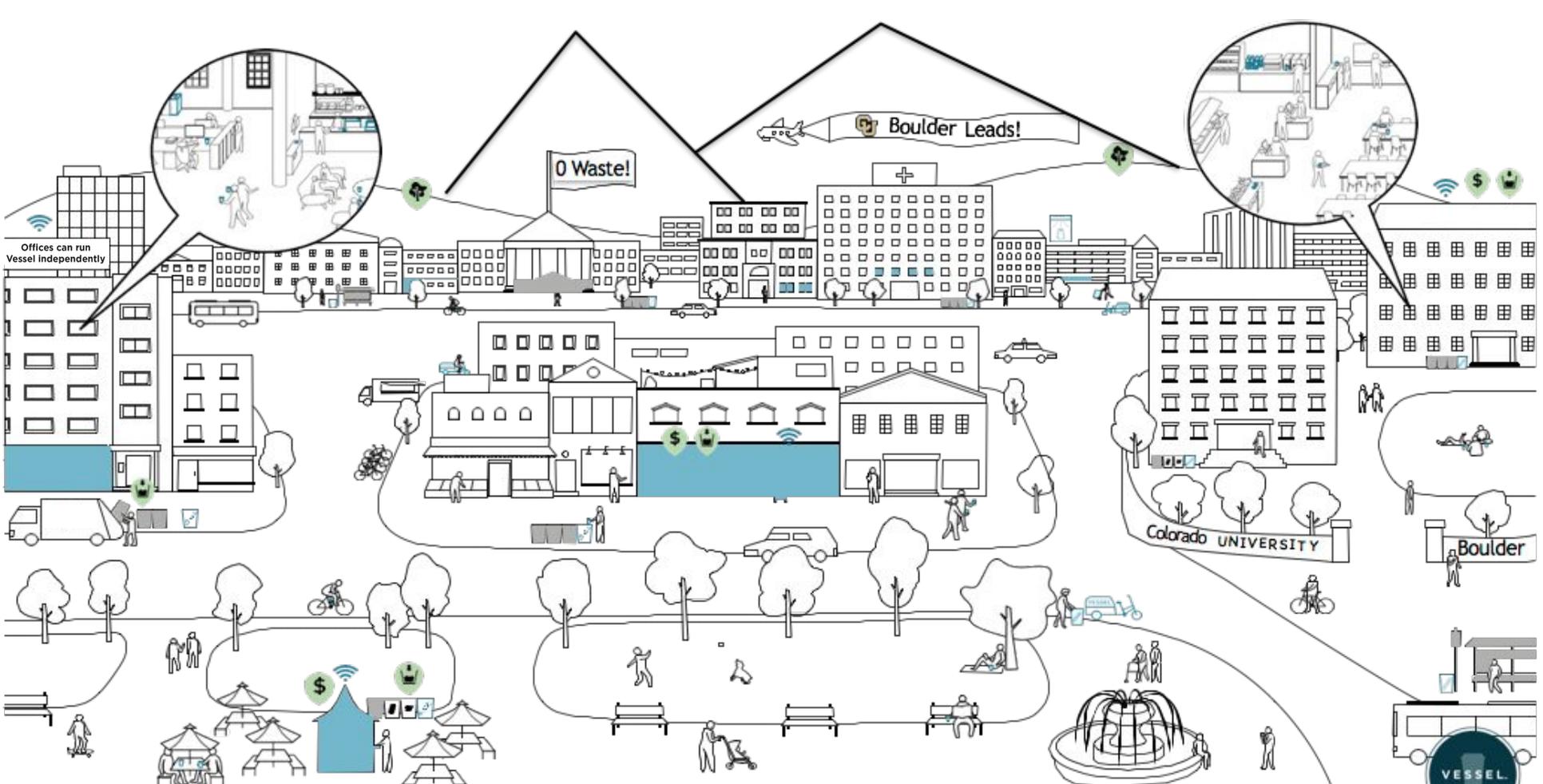


drink coffee outside of the
home every day



cups of coffee consumed
every day, worldwide





Offices can run Vessel independently

0 Waste!

Boulder Leads!

Colorado UNIVERSITY

Boulder

VESSEL

Vessel partners!

- Corporations / University Campuses
- Multiple vendors
- City-wide network

Vessel needs...

- Bins in public/private spaces
- Washing facilities
- Wifi

Benefits

- Reduce waste
- Save money
- Save resources





CUSTOMERS WIN



keeps drink hot
or cold



free to use



quantified self
information on waste
reduction



access to insider
stories



CAFES WIN



part of a countywide network



increase sustainability and gain green brand value



reduce waste costs



keep your brand from the trash





Average paper cup
+ lid costs

17 cents

X



Average number of
cups used

600 daily

=

**Independent
cafes spend
an average
of \$37,230 on
paper cups
and lids.**



SPONSORS WIN



of adults in U.S.
drink coffee



BOULDER COUNTY WINS



educates consumers on their waste reduction and positive social impact



incentivises behavior change by reinforcing more sustainable actions



reduces environmental impact and waste to landfills



zero waste innovation supports Boulder county



builds the infrastructure for reuse



keeps money circulating in the city



SOCIETY + ENVIRONMENT WIN

20 million trees

12 billion g H₂O

13 billion lbs CO₂

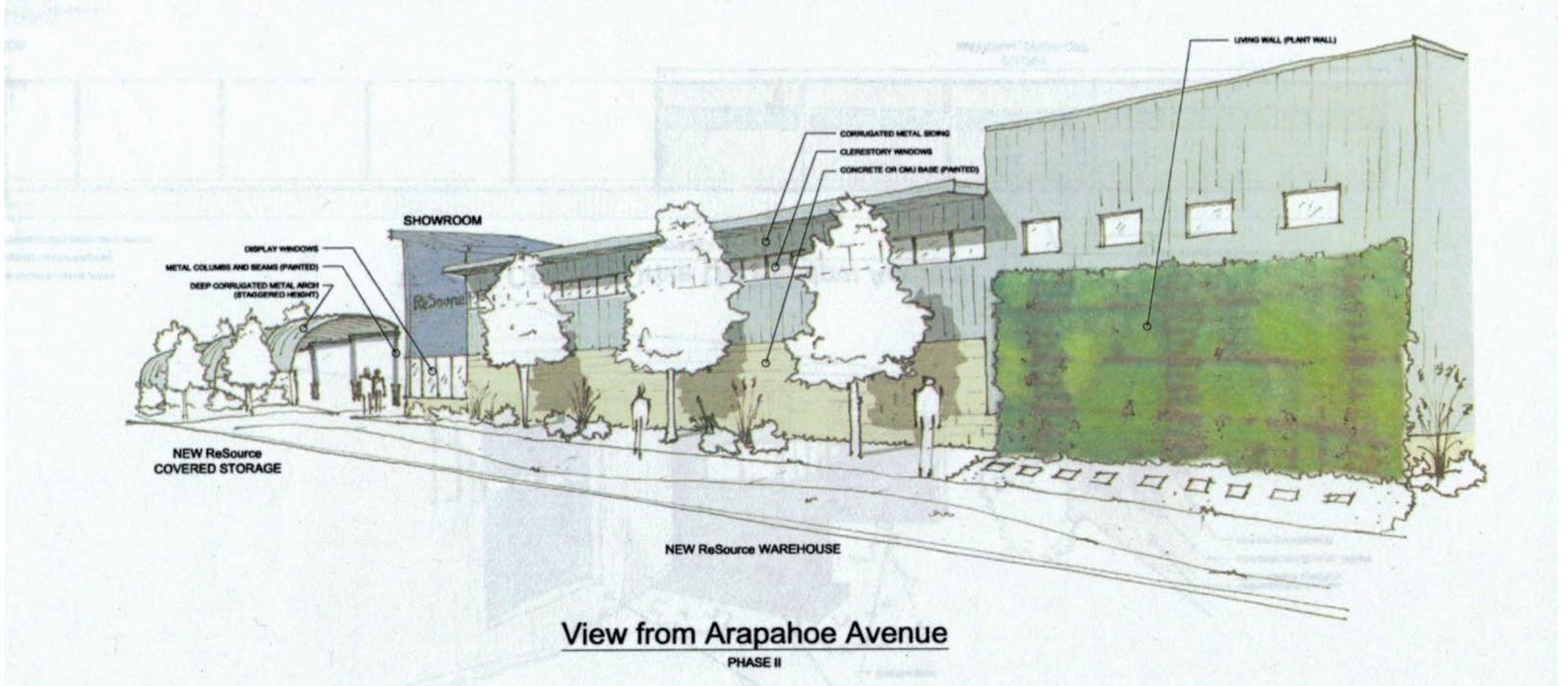




**YEAH,
WE THINK
PAPER CUPS
ARE RIDICULOUS
TOO**

**MEET YOUR NEW DISPOSABLE CUP
JOIN THE MOVEMENT
WWW.VESSELWRKS.COM**





Resource Central: Materials Reuse Overview

- Resource Central offers reclaimed building materials, appliances, furniture, and other architectural salvage at extremely low prices
- Consists of a retail shopping area, donation intake area, tool library, and deconstruction/pickup services
- 3-4 million pounds of building materials diverted annually
- 16 staff



RESOURCE
central
CONSERVATION MADE EASY

Tool Library Overview

- Community tool lending at very low rates
- Empowers customers to use reclaimed building materials found at Resource
- Hundreds of hand tools, power tools, woodworking equipment, landscaping tools, etc
- Tools are primarily donated from community members. A portion have been purchased or grant funded.
- Tools are maintained in house by staff and volunteers
- \$25 yearly membership fee (\$20 to renew)
- Each tool has a daily rental rate that is a fraction of other rental outlets. (IE: circular saw \$4/day at Resource, \$20/day + \$25 deposit at competitor)
- New webpage launched – Online inventory, availability, and reservation requests.



RESOURCE
central

CONSERVATION MADE EASY

City of Boulder Zero123 signs

LANDFILL THIS



PLASTIC BAGS
BOLSAS PLÁSTICAS



TO-GO CUPS & LIDS
VASOS Y TAPAS PARA LLEVAR



TO-GO CONTAINERS
ENVASES PARA LLEVAR



WRAPPERS & CHIP BAGS
ENVOLTURAS Y BOLSAS DE
PAPAS FRITAS etc.



WE ARE / NOSOTROS SOMOS
ZERO WASTE BOULDER

COMPOST THIS



FOOD & PLANTS
COMIDA Y PLANTAS



COFFEE & TEA
CAFÉ Y TÉ



**CERTIFIED COMPOSTABLE
ITEMS**
ARTÍCULOS CERTIFICADOS
COMPOSTABLES



COMPOSTABLE PAPER
PAPEL COMPOSTABLE

- ⊘ Please, **NO styrofoam, plastic or aluminum**
- ⊘ Por favor, **NO productos de poliestireno, plástico o aluminio**



WE ARE / NOSOTROS SOMOS
ZERO WASTE BOULDER

RECYCLE THIS



**PLASTIC BOTTLES, TUBS,
JUGS & JARS**
BOTELLAS, TARROS, ENVASES,
JARRAS DE PLÁSTICO



CANS & GLASS
LATAS Y VIDRIOS



DRINK BOXES & CARTONS
CAJAS DE BEBIDAS Y
CARTONES



PAPER & CARDBOARD
PAPEL Y CARTÓN

- ⊘ Please, **NO styrofoam**
- ⊘ Por favor, **NO productos de poliestireno**



WE ARE / NOSOTROS SOMOS
ZERO WASTE BOULDER

COMPOST

THIS



FOOD
COMIDA



NAPKINS
SERVILLETAS

⊘ Please, NO styrofoam,
plastic or aluminum
⊘ Por favor, NO productos de
poliestireno, plástico
o aluminio



RECYCLE

THIS



ALUMINUM PIE PANS
ENVASES DE ALUMINIO



BALLED FOIL
PAPEL ALUMINIO EN FORMA
DE BOLA

⊘ Please, NO styrofoam
⊘ Por favor, NO productos
de poliestireno



LANDFILL

THIS



TO-GO CUPS, LIDS, & STRAWS
VASOS, TAPAS, Y PAJA PARA
LLEVAR



PLASTIC UTENSILS
UTENSILIOS PLÁSTICAS



SALSA CUP
TAZA DE SALSA











STEP 1:

COMPOST

SCRAPE FOOD AND
NAPKINS INTO
COMPOST



- ⊗ Please, NO styrofoam, plastic or aluminum
- ⊗ Por favor, NO productos de poliestireno, plástico o aluminio

WE ARE / NOSOTROS SOMOS
ZERO WASTE BOULDER



CAFE
MEXICALI
"as fresh as it gets"

STEP 2:

RECYCLE

PICK OUT FOIL AND
PIE TIN



- ⊗ Please, NO styrofoam, plastic or aluminum
- ⊗ Por favor, NO productos de poliestireno, plástico o aluminio

WE ARE / NOSOTROS SOMOS
ZERO WASTE BOULDER



CAFE
MEXICALI
"as fresh as it gets"

STEP 3:

LANDFILL

EVERYTHING ELSE IN
THE TRASH!



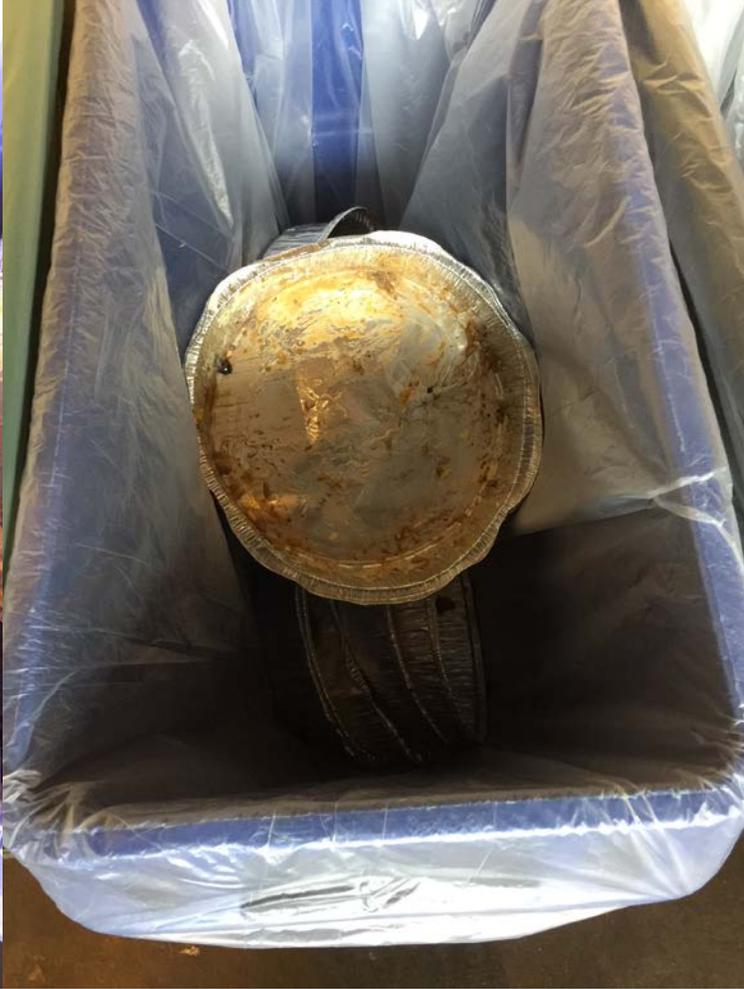
- ⊗ Please, NO styrofoam, plastic or aluminum
- ⊗ Por favor, NO productos de poliestireno, plástico o aluminio

WE ARE / NOSOTROS SOMOS
ZERO WASTE BOULDER



CAFE
MEXICALI
"as fresh as it gets"





COMPOST THIS



FOOD
COMIDA



NAPKINS
SERVILLETAS

Please, NO styrofoam, plastic or aluminum
Por favor, NO productos de poliestireno, plástico o aluminio



RECYCLE THIS



ALUMINUM PIE PANS
ENVASES DE ALUMINIO



BALLED FOIL
PAPEL ALUMINIO EN FORMA DE BOLA

Please, NO styrofoam
Por favor, NO productos de poliestireno



LANDFILL THIS



TO-GO CUPS, LIDS, & STRAWS
VASOS, TAPAS, Y PAJA PARA LLEVAR



PLASTIC UTENSILS
UTENSILIOS PLÁSTICAS



SALSA CUP
TAZA DE SALSA



STEP 1:

SCRAPE FOOD AND NAPKINS INTO COMPOST



Please, NO styrofoam, plastic or aluminum
Por favor, NO productos de poliestireno, plástico o aluminio



STEP 2:

PICK OUT FOIL AND PIE TIN



Please, NO styrofoam, plastic or aluminum
Por favor, NO productos de poliestireno, plástico o aluminio



STEP 3:

EVERYTHING ELSE IN THE TRASH!



Please, NO styrofoam, plastic or aluminum
Por favor, NO productos de poliestireno, plástico o aluminio

