

City of Saint Paul - Sustainable "To Go" Food Packaging Initiative

October 10th, 2016

1pm – 4pm

375 Jackson St. Conference Room 2East

Introduction, Overview and Scope of Work Group

- Scope: To-go, Immediate consumption
- Items not addressed: Shopping bags, water bottles, plastic bags (2017 project)
- Interested in whole life-cycle – not just usability or disposability
- Regionally: MPLS and St. Louis Park – already have programs
- STLP more restrictive
- Program must fit the City of Saint Paul

City and Regional Context

Ramsey/Washington County Grant Program – Joel Andersen: Ramsey County BizRecycling

- Reduce waste in businesses, encourage recycling
- Businesses should recycle
 - o Environmental
 - o Cost savings (tax on waste is 17% more)
 - o Green marketing
- 370 businesses currently in program
- Commercial recycling act: 2016 (4 cubic yards of waste must collect at least 3 recyclable materials per week)
- Consumers are willing to pay more (top 3 causes that consumers want)
- Joint powers agreement
 - o Waste = inefficiency
 - o Use market to reduce inefficiencies
- Technical assistance from MN Waste Wise and JL Taitt & Associates
 - o Business to business more effective
 - o Free consultation on waste stream
 - o Develop recycling plan
 - o Grant application
- Grants
 - o Up to \$10,000 for equipment, supplied, employee training and/or containers
 - o 6 months of compostable items
 - o Labels and signage

City of St. Paul – Mayor's Office – Anne Hunt: City of Saint Paul Mayor's Office

- 2012-2013
 - o Wilder Research – residential programs
 - o "All in" Program
- 2014 – expand plastics recycling
 - o Single sort recycling
- 2015: Public places and events
 - o Event centers
 - o Bulky items
- 2016: organized trash collection
 - o Converted to new collection bins for recycling
- 2017: organics collection options
 - o Provide options for composting and recycling NOT JUST at home

Davanni's – John Barrett, CFO

- CFO – very involved with MPLS efforts
- Styrofoam was the big issue
 - o Had a hard time finding an appropriate and usable replacement
 - o Cost \$100,000 to switch
 - o 1% overhead cost increase
 - o Hoping that as more businesses switch, competition and prices will help
- Analyzed all current containers (eat-in, take-out, delivery)
 - o Biggest impact from to-go
 - o Learned a lot from Xcel Energy Center
 - o Trash Haulers were very helpful
 - Specific industry and regional information
- Helpful if STP followed MPLS
 - o Fewer changes to business
- Corporately owned
 - o Changes system wide
- Commercial compost
 - o Hauler issues
 - o Worried that materials are ACTUALLY being composted
 - o Container issues
 - Expensive, flimsy bags

Industrial Composting – Eureka

- 4 industrial composting sites in the Metro Area
- Several “transfer” sites to reduce transit costs
- Taking Cedar Grove and BPI certified plastic

DSI – Dan Niziolek

- Regional perspective/approach
- Synergy of working together
- MN State Law: Recycling Requirements
- City of Saint Paul Ordinance Chapter 236: Environmental Preservation: Plastic Packaging (1991)
 - o Build upon for our current updates
 - o Exemptions: 10mils or less, packaging and nursing homes, plastic coating, no commercially acceptable alternative, paper or cellulose-based packaging capable of being decomposed
 - o Advisory committee on environmentally acceptable packaging
 - o Roll-out timelines
- QUESTIONS:
 - o Ability to enforce?
 - Green jobs? Inspectors?
 - o Food Trucks?
 - Minneapolis enforcement?
 - State Regulated
 - o MPLS enforcement
 - Training/Education and grace period
 - Feels like there is not a lot of enforcement
 - Need enforcement to get on board

BRAINSTORMING

1. Issues with current "To Go" food packaging

- Education
 - Items look similar (different types of plastic, etc.)
 - Education & Resources for public and business
 - new immigrant businesses
 - knowing how/what to recycle
- Users
 - End user– ease of use and knowledge of programs
 - Users – will they use it?
 - Will they care?
- End of life: sustainable packaging has multiple end-of-life applications
 - Life Cycle/Definition of Sustainability: Broader than end of life
- Where does it go??
 - address front of store – make sure being recycled
 - community/regional locations
- Application issues
 - needs to be addressed regionally and uniformly
 - Assist businesses that operate regionally (multiple municipalities)
- Cost
 - Current business model: Styrofoam is so cheap
 - Cost of containers
 - Confusion on Certified compostable (clay, wax, etc.) Cost differences
 - Cost of doing business
- Business Impact
 - Lack of sourcing for sustainable to-go packaging
 - No good options for coffee
 - Business basics - container needs to work for specific businesses
 - Variability in types of containers
- Environmental Impacts
 - Non-recyclable/compostable contamination impacts
 - Environmental Toxins (trash burning, breaking down in water/soil)
- Enforcement
- Styrofoam is not environmentally friendly (what does this mean?)
- Black Plastic

2. Challenges with increasing sustainability of "To Go" food packaging

(What does it take to MOVE FORWARD)

- Food safety – reusable containers
- Implementation
 - Festivals/food truck, who collects??
 - time-frame
 - Uniform application
 - Inspections
 - Inspector training and assignment
 - Employee training/time
 - Resources for development/adoption of system
- Sustainability of program – keep it going
 - Emerging products

- Certification for poly-coated paper vs. bio-based
 - Continue evolving
 - Education with sales vendors
 - Not just cheapest products
 - Commercial front of house vs residential roadside
 - Different solutions
 - Different infrastructures
- Suitability of alternatives
 - Fit needs of businesses (current business model)
 - Practical needs
- Sustainability considerations
 - Not just CO2
 - Human health and environmental
 - Cheaper high-quality alternatives
- Consistency with city/county departments execution
 - Resources to support education and enforcement
- Small business owners – success of program
 - Implementation vs longevity
- Reducing confusion for consumers on sorting
 - Education for schools/children
- Limitations/opportunities: flexible packaging recycling
 - Take away need for exemptions
- COST
 - Cost on both sides (city and business)
 - Franchise vs corporate owned
 - Purchasing/pricing with sourcing differences
 - Non-standard packaging fees/time
- Access to Commercial composting
 - Ramsey VS Hennepin
 - Lack of transfer stations
- Volume of food service packaging – tiny when compared to Cardboard, etc.
 - Hard to make cost effective to build infrastructure
- Few businesses taking advantage of incentives
 - WasteWise
 - Tax
- Consumer preferences change business models

3. Opportunities for increasing sustainability of “To Go” food packaging in the City of Saint Paul

- Schools
- Education at events
- Save money!
- To-go/flexible packaging/poly-paper/etc: National Issue (lots of stakeholders)
- Communication to the public
- MORE Bulk buying program for compostable products for small businesses to reduce cost
 - Education on existing programs
 - State Contracts
- Education alongside new recycling roll-out (City’s Responsibility)
- Commercial Organic Pickup – just need one that works
 - Ensure route density

- Consistent with other municipalities with regulations
- Sticks vs Carrots – INCENTIVES
- Positive public image for City of Saint Paul/County/State
- Business recycling
- New markets for recycled material
 - Incentives?
- Continued Education – everyone is impacted
 - Businesses
 - Consumers
 - Homeowners
 - Schools
- Regional optimization
 - Remove patchwork of ordinances
- Lay the ground-work
 - Take advantage of Research/studies – what are other cities doing that work? Challenges? (lots of people have been working on this for a long time)
 - Strengthen “story” for community engagement
 - Provide evidence to support efforts and mitigate cost
- Partnerships/coalitions are important and impactful
 - Cooperative buying
- RESIDENTIAL system – existing parameters
 - 70% of packaging leaves the store and goes home
 - Help businesses understand what they put out that goes to curbside
 - Different businesses = different cost structures
- Recognition program
 - Promote businesses
 - Competition
 - Share successes/best practices
 - Create a market/consumer preference
 - Willing to pay more
 - Create customer base/loyalty
 - Customer base
- Finished compost result of program
 - Use new product “luxury compost”
 - Close the loop
 - New market
 - SHOW tangible results (water bottle/etc.)
 - Reuse – material reuse opportunities/markets
- Awareness
 - Business organizations – larger scale
 - Leaver the program
- Small business groups (ESABA)
 - Trusted source
 - Density/organization – hauler incentive
- Food waste volume

Research Assignments

- 1 pager
- 3-5 minute presentation
- supporting documentation for group

Areas identified that need further research

Bulk Buying

- Eureka (Kate)

Small business

- Mary GM – listening sessions
- WasteWise – success stories/challenges
- ESABA
- BizRecycling (Joel)

Packaging

- Rhea: Summary of food service packaging institute studies

Partnerships

- American Chemistry Council

Economically viable alternatives

- MN Restaurant Association – comparison of costs

Regional Comparisons

- DSI (MPLS, SLP, regional)

Education – what is happening now, what needs to happen in the future?

- Consumer Education – Ann Hunt
- Business Education –
- Who is doing what? (State, County, Haulers, etc.)
 - o Kris
 - o Eureka (Kate)
 - o National (Gretchen)
 - o MN Compost Council (end of life/new products)
 - o MN Recycling Association
 - o Solid Waste Management Coordinating Board
 - What can you recycle?
 - o MPCA

Marketing and Incentives/ recognition program

- What's working?

Longevity of group and efforts (Advisory Board)

- o DSI

NEXT MEETING: 45 days (Before Thanksgiving)



Sustainable “To Go” Food Packaging Initiative

2nd group meeting 11/21/16

SAINTPAULMINNESOTA

The most livable city in America.





Agenda

- ❑ Welcome and Introductions
- ❑ Overview and Scope of Work Group
- ❑ Review of research
- ❑ Next Steps





Overview and Scope of Work Group

Scope:

Evaluate, research, and develop recommendations for a sustainable “To Go” food packaging initiative for the City of Saint Paul.

“To Go” references foods intended for immediate consumption.



Presentations:

- Bulk Buying – Miriam Holsinger, Eureka Recycling
- Small Business Success Stories & Challenges – WasteWise
- Community Outreach– Mary Gleich-Matthews, DSI
- Packaging Options – Rhea Hale, WestRock
- Partnerships – Mike Levy, ACC PFPG
- Economically Viable Product Alternatives – MN Restaurant Association
- Regional Regulatory Comparisons – DSI
- Education (Consumer and Business)
- Marketing – Paris Dunning, East Side Area Business Association





Eureka's Products Co-Operative Purchasing:

- The co-operative purchasing program has been operating since 1998.
 - 100% ASTM 6400
 - 6868 certified compostable products
 - 100% post-consumer recycled printing paper

This allows consumers to gain access to products that are vetted for quality and environmental benefit at a lower cost because of the bulk purchasing.

- Overhead: cost of operating it, while we do enjoy the bulk discount for our own recycled printing papers and compostable product needs.

Upstream and Downstream Benefits:

- Compostable products help consumers get food waste to composting
- Reduce our need for fossil fuel based production (when bio-based)

We suggest that the ordinance include compostable utensils, as there are now several viable options in the marketplace for compostable options and the commonly polystyrene versions are not recyclable.



Poly coated ASTM certified materials



- Cups, plates etc. are widely used at events and in other venues
- The amount of education to try to clear up this confusion would be costly
- The result of the cross contamination would negate environmental goals and could result in plastic in the compost or a degradation of the recycled paper.

The technical and economic viability of recycling polycoated papers has not been conclusively determined.

- Paper markets have historically stipulated restrictions on the inclusion of coated papers in the recycling program based on the impact it has on the quality of the recycled paper.
- Mechanisms used to filter out these energy used to collect and transport those items.

Recycling programs now more than ever cannot rely on a single market for any commodity including paper. Eureka Recycling requires at least **two economically viable and stable markets** for the material.

Note: Black plastic, Poly Styrene and PLA should not be accepted as an alternative since they do not have any long term, economically viable markets. These items end up as a residual at the MRF or in bales at end markets, adding transportation, collection and processing costs to the City, which are not sustainable, while sustainable alternatives are available.



Education Opportunities

Eureka will strongly support all education efforts to increase the success of the Ordinance's goals. Packaging fairs and outreach events are critical prior to roll out to assist retailers, restaurants and others.

Eureka's experience at Zero Waste Events and in commercial composting may be useful to the city to support training to help businesses understand how key decisions can lower disposal costs helping to offsetting cost of sustainable products and/or composting services, while meeting their unique business needs.

Encourage Reuse and Reduction:

The current ordinance specifically encourages reuse we strongly support and encourage additional opportunities to prioritize reuse and reduction by finding creative ways to help businesses by financially supporting investments such as dishwashers, reusable plates, etc.



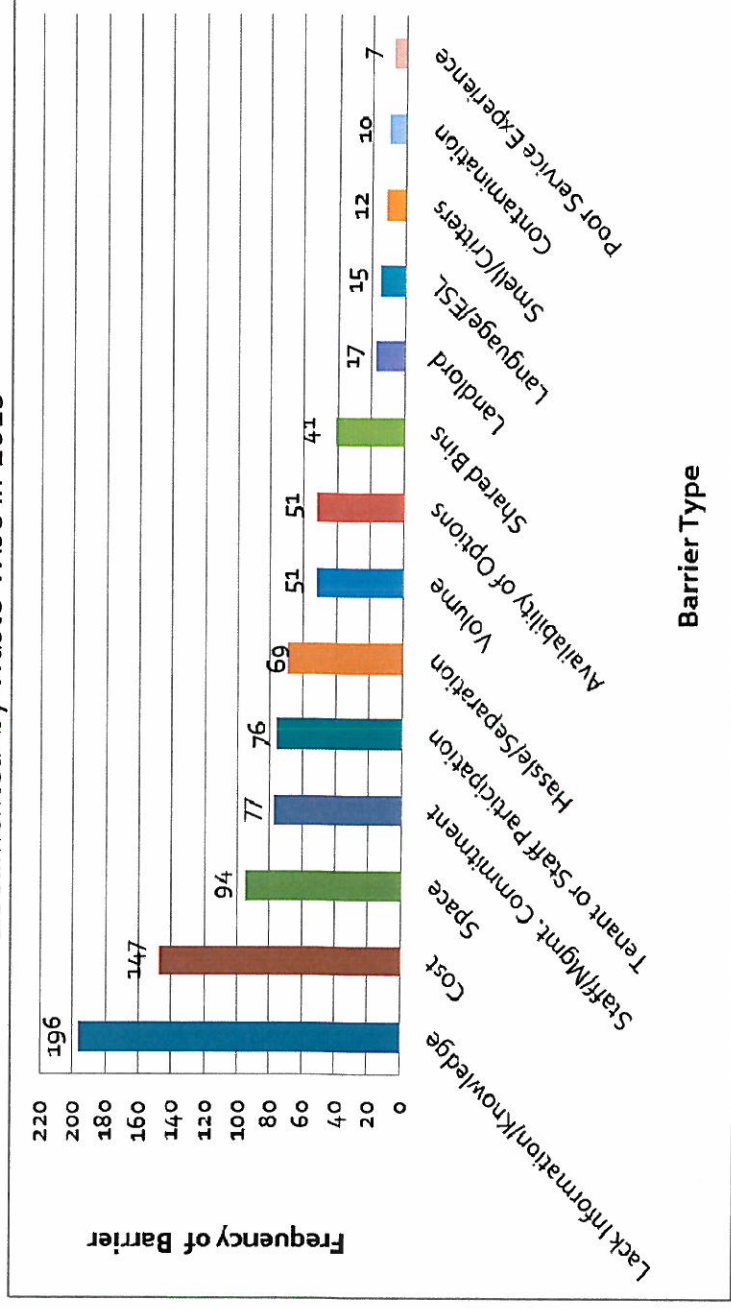
WasteWise – Small Business Success Stories & Challenges

Serve Ware Implementation Trends

- Install dishwasher and switch over to reusable serve ware
- Set up in house organics diversion program
- Purchase and use compostable serve ware for in house use
- If business uses compostable serve ware in house, they're much more likely to purchase compostable to-go packaging.
- Most business with locations in the City of Minneapolis are not using or are in the process of switching to compostable to-go packaging.
- In the past couple of years, the message of the health risks associated with using Styrofoam type packaging seems to be resonating more with businesses.

Real and Perceived Barriers to Recycling Implementation

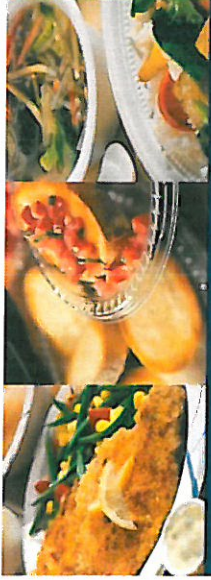
Documented by Waste Wise in 2015



Community Outreach

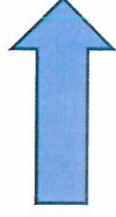
- Small Business Listening Sessions
 - Dayton's Bluff - East Side Enterprise Center
 - 1/3, 1/4 or 1/6 10:00am
 - Rondo Community Center
 - January 3rd and 4th (before 5:30) , or 5th (before 4pm)
- Skyway Walk
- Community Listening Session
 - Combined with Short-Term Rental session





City Of St. Paul, Sustainable "To Go" Food Packaging - Rhea Hale, WestRock

INCREASING THE RECOVERY OF FSP



FPI's overall goal is to develop and promote economically viable and sustainable recovery solutions for foodservice packaging.

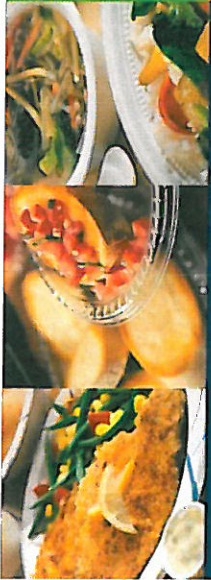
Paper Recovery Alliance (PRA)

Plastics Recovery Group (PRG)

Foam Recycling Coalition (FRC)

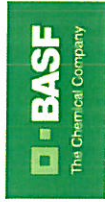


FOODSERVICE PACKAGING



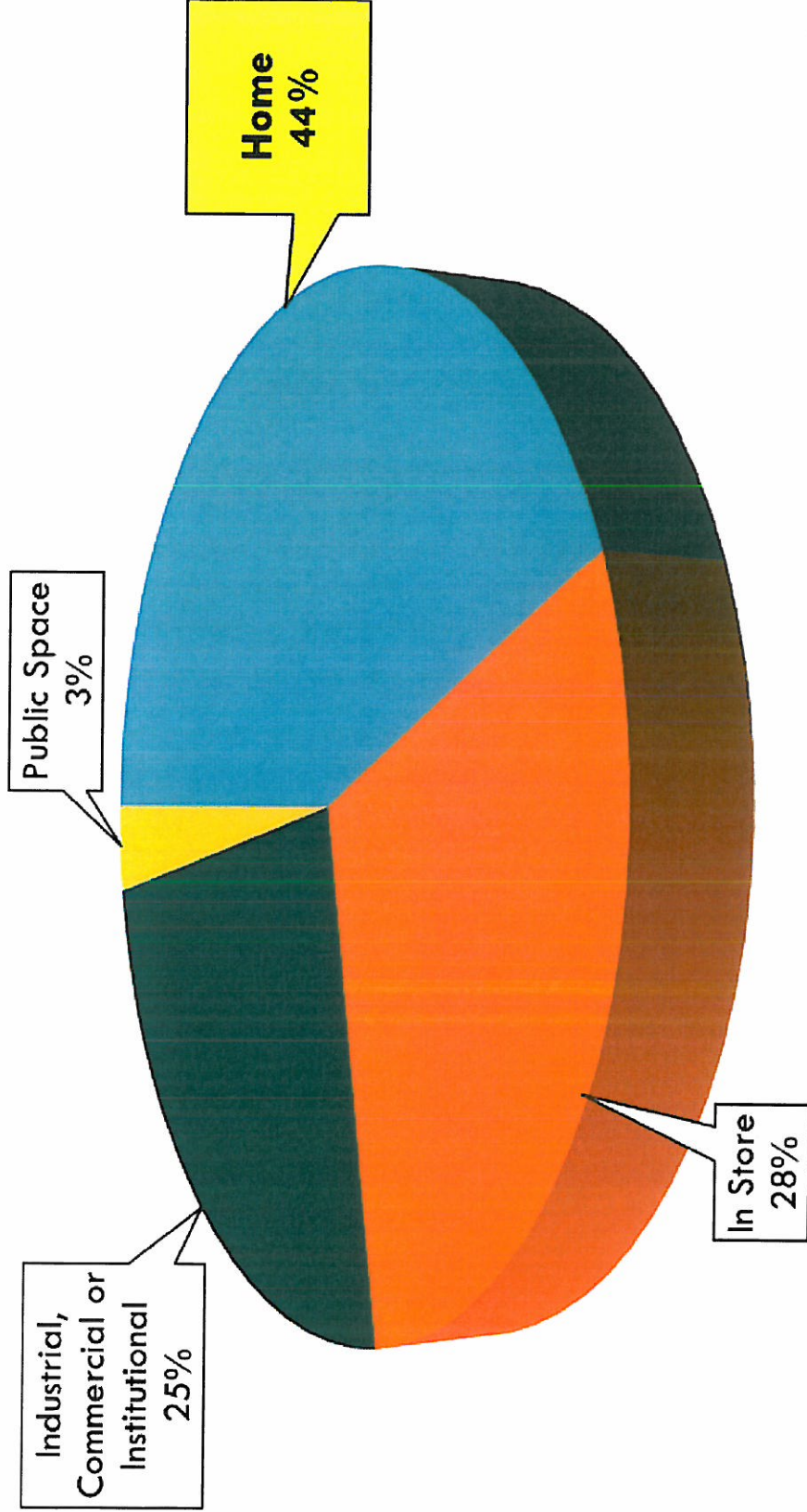
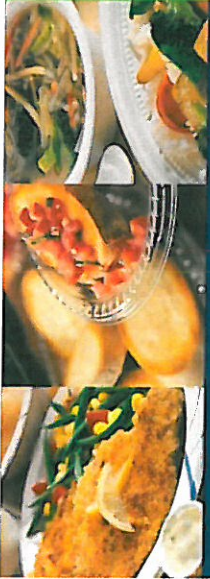
Current PRA and/Cor PRG Members

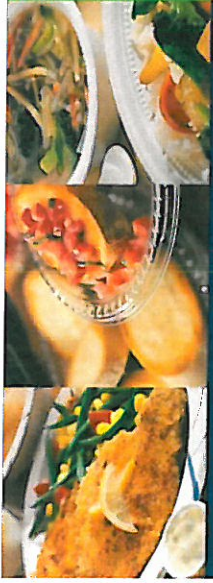
Absolute Plastics, LLC
Sustaining Today · Preserving Tomorrow™



FOODSERVICE PACKAGING
INTERNATIONAL

Where does FSP end up?





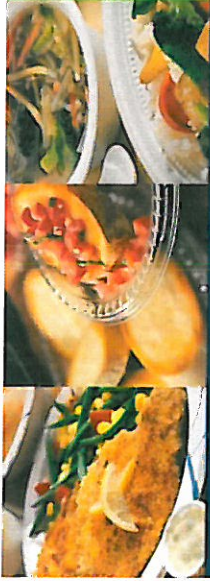
What is Foodservice Packaging?

Single-use foodservice ware & packaging used by foodservice establishments.

Specifically, our work focuses on:

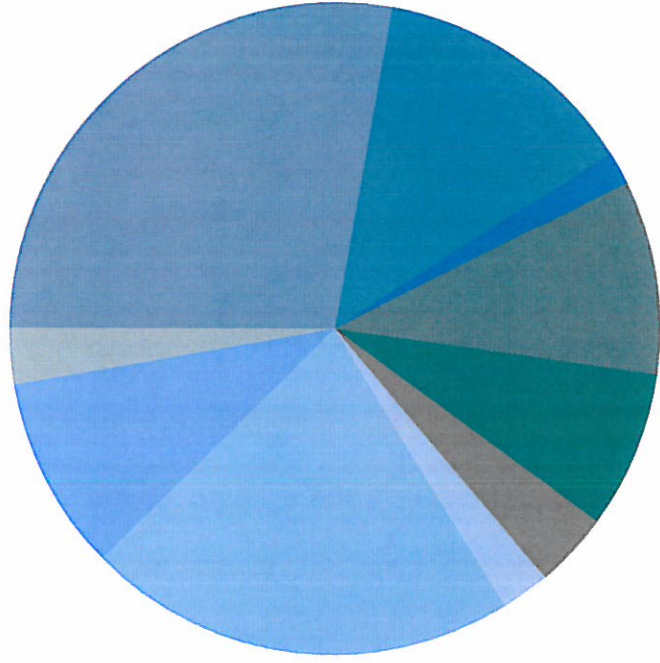
- Cups (including sleeves)
- Containers, including:
 - Beverage Carriers
- Boxes
- Paper bags





How much FSP is generated?

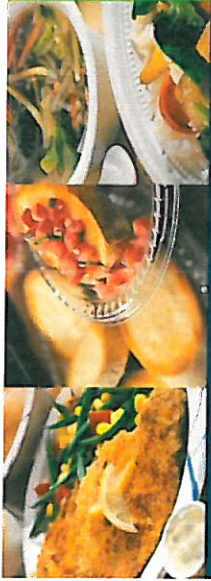
- Clay Coated Paper
- Poly Coated Paper
- Other Coated Paper
- Napkins
- Paper Bags
- OCC
- Molded Pulp
- PS/PP/PET/PLA
- EPS



Total: ~5.5 million tons in U.S.

In a city of 250,000 people, roughly 3,000 tons generated annually.

- A 10% recovery rate would mean the addition of about 300 tons annually for the facility = approximately 240 tons of paper and 60 tons of plastic.



Community Partnership – Prerequisites



MRF Acceptance
Operations



MRF Acceptance
End Markets (impact, options, location)



Haulers
Community contracts, Suite of materials collected



Community Engagement
Director of Public Works, Solid Waste
Director, Solid Waste/Recycling Staff



Market Assurances
Trade Association and Oversight
Organization support



End Markets
What can they handle? Volume, quality, overall impact?



Additional studies

Food residue / contamination studies

MRF flow study

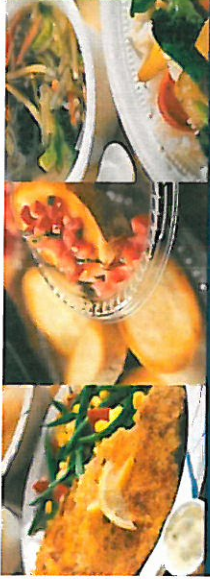
Bale composition audits

Bale impact projections

Community Access

Resident messaging survey

Tool kit



FOODSERVICE PACKAGING: SUPPLY CHAIN AND SUSTAINABLE SOURCING ISSUES

www.recyclefsp.org

HOME

ABOUT FPI

FOODSERVICE OPERATORS

COMMUNITIES

MATERIALS RECOVERY FACILITIES

END MARKETS

COMPOSTING & AD FACILITIES

FADs



FOODSERVICE PACKAGING

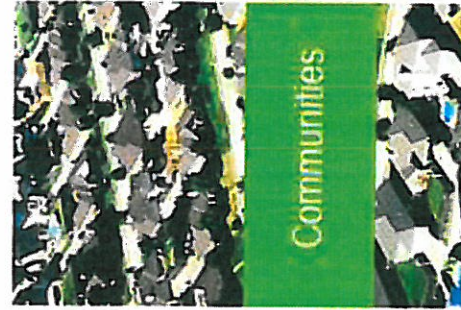
Foodservice Packaging Recovery Toolkit

Recovering Foodservice Packaging (FSP) can have substantial benefits in cost-saving waste reduction, revenue generation, reduction of environmental impact and positive expectations from residents and customers. No matter what role you play in recovering foodservice packaging, this Toolkit has something for everyone.

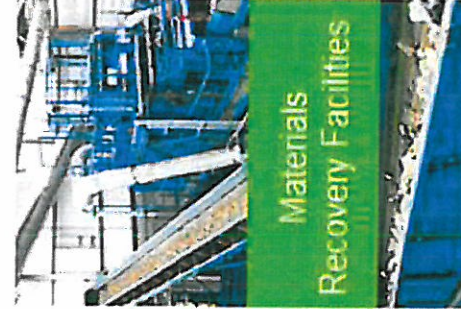
This Recovery Toolkit presents lessons learned in successful recovery of foodservice packaging. It is a comprehensive resource on what foodservice packaging is currently being recovered, collected, processed and marketed. Let's get started!



Foodservice Operators



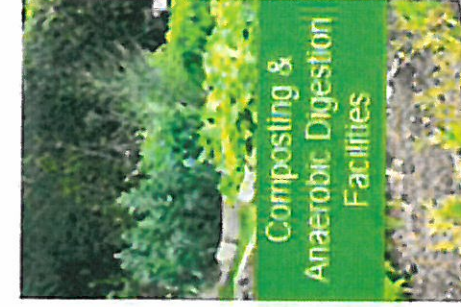
Communities



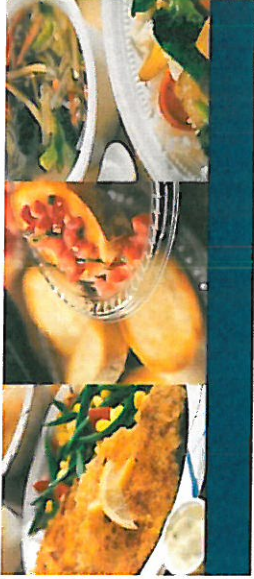
Materials Recovery Facilities



End Markets



Composting & Anaerobic Digestion Facilities



Foam Recycling Coalition

Establish and fund a proactive, multi-year grant program to...

- Increase public access to post-consumer foam recycling through curbside and/or drop off programs
- Drive actual recovery of foam (increased tons)
- Generate success stories to document and leverage in communications to variety of stakeholders

Grants will provide:

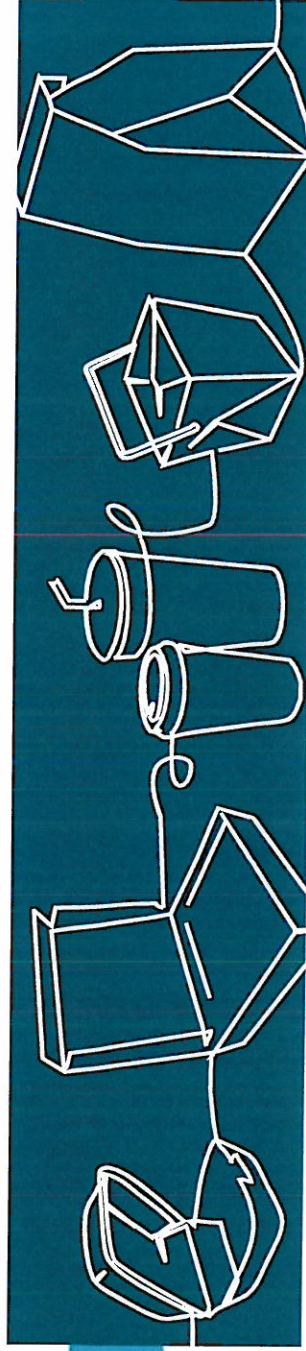
- Foam recycling equipment.
- Technical assistance to grant recipients and others interested in adding foam to their curbside recycling programs.



FOODSERVICE PACKAGING
INSTITUTE

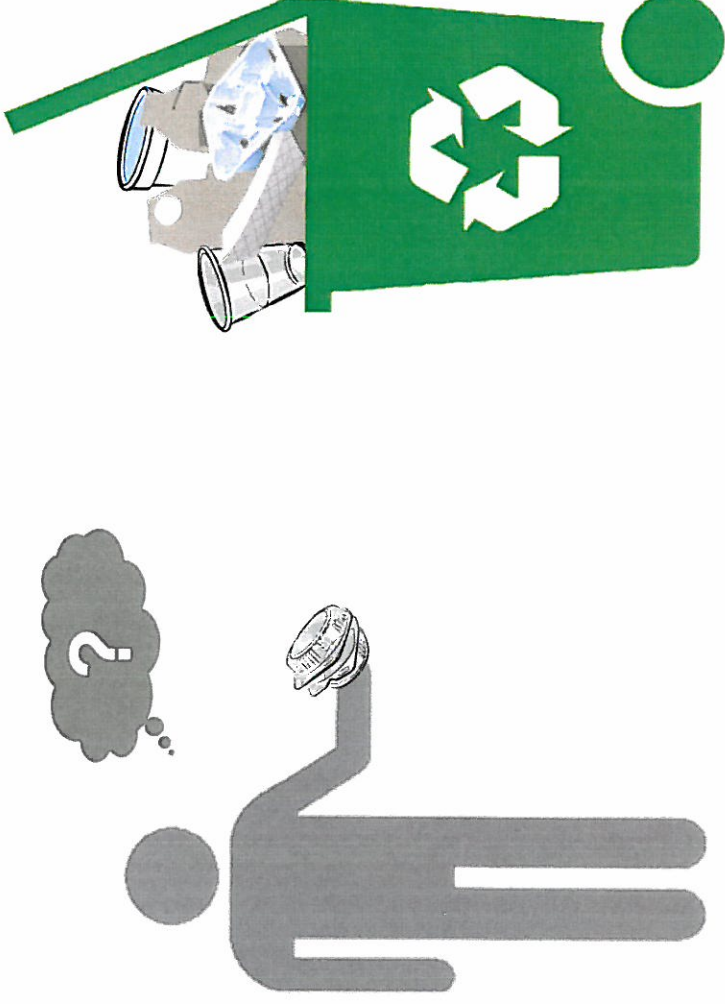
Resident Messaging Survey

Conducted Summer 2016

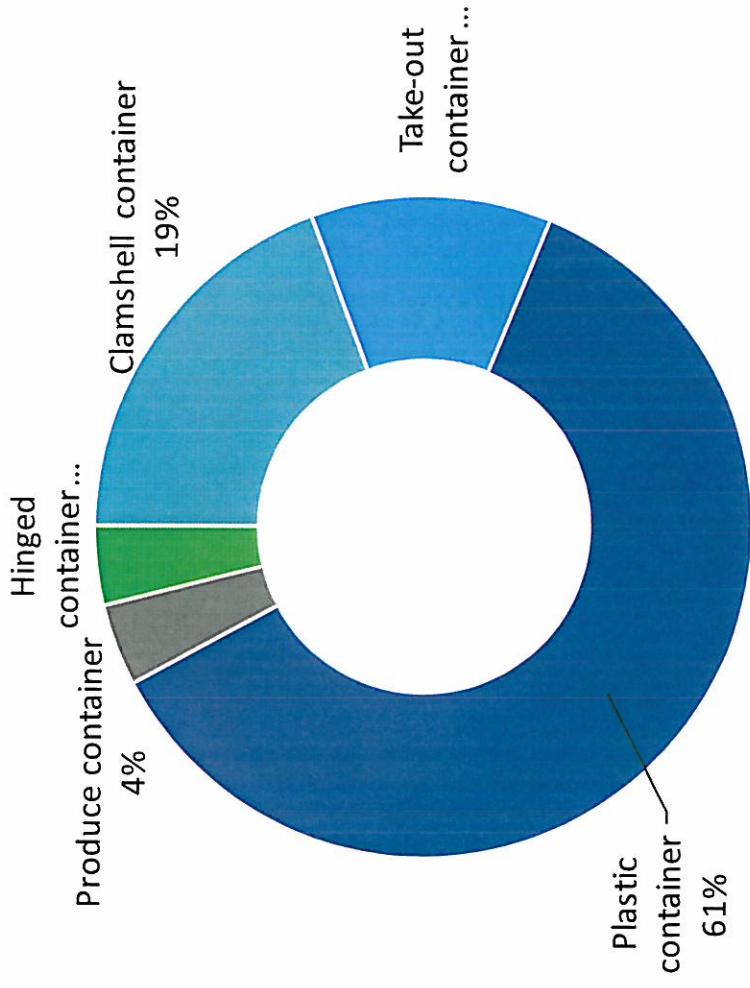


Speaking Their Language

How does the language on outreach material impact curbside behavior?

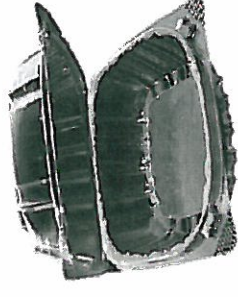


Effective Recycling Terms



61% of residents call this a “plastic container”

19% say “clamshell container”



Term Tip: Avoid industry specific terms when referring to recyclables

Effective Recycling Instructions

Before



Nearly **40%** of residents said that “cups should be empty & clean”
was **clearest**

After



More **clear** than “clean” or “empty” alone

Guideline Tip: Use the terms “empty & clean” are clearest when referring to recycling paper cups

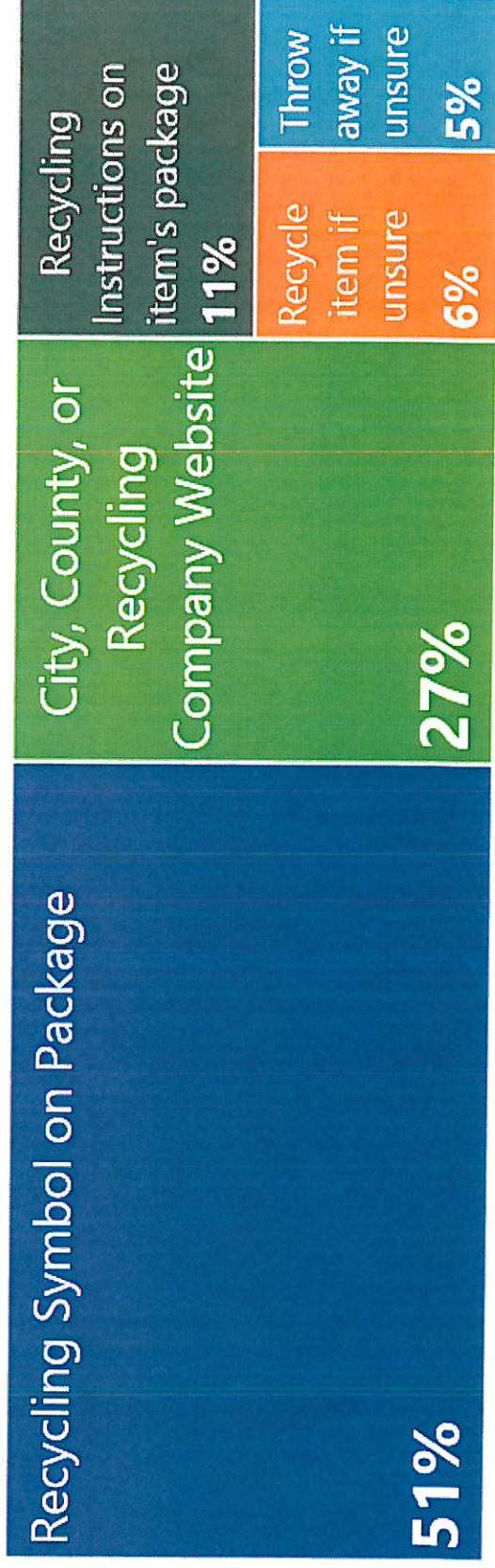
Reliable Recycling Resources

Where do residents go
to find out what's
recyclable?



Is it Recyclable?

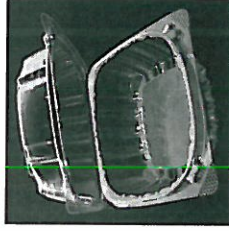
Where do residents look **first** to find out if an item is recyclable?



Outreach Tip: Educate residents on recycling symbols on packaging

Recycling Flyer Format Preference

Overall, **85%** of residents said that Flyer 2 was **clearest** in describing how to recycle this container



Recycling

Paper

- Shredded paper (bag & tie in clear plastic bag. Recycle in the blue cart OR layer in the yard cart)
- Newspapers, inserts, magazines, catalogs & phone books
- Advertising mail, envelopes, mixed paper
- Paperback books
- Cereal & dry food boxes (remove liner), clean paper cups
- Cartons, frozen food & juice boxes
- Flattened cardboard (Please bundle, 3 ft. x 3 ft. or smaller)

Plastic

- Clean plastic food containers & cups
- Milk, water, juice & pop bottles
- Stretch wrap & plastic bags (No white or black plastic bags. Bag & tie in clear plastic bag.)
- Pill bottles (non-prescription)
- Lids 3" or larger (Remove from containers, rinse)
- Clean plastic plant pots

Glass

- Bottles & jars (empty & rinse, labels okay)

Metal

- Clean aluminum & metal cans
- Clean foil & foil trays
- Lids 3" or larger; Scrap metal (2 ft. x 2 ft. or smaller)

www.RepublicServicesNW.com

REPUBLIC SERVICES

How to prepare your recyclables:

- No food, liquid, loose plastic bags. Bag all plastic bags together.
- Remove all lids from containers & no lids less than 3 in.
- Do not bag or box recyclables; leave loose.
- Put additional recyclables in sturdy bins, boxes, large paper bags, or 32-gal. cans marked "Recycle" next to your recycling cart; not to exceed 60lbs.

Flyer Design Tip:
 Categorize your recyclables, and use clear images with short text descriptions

City of Saint Paul – Sustainable “To Go” Food Packaging Initiative

Partnerships: Successful approaches to
reduce litter & waste (case studies)



Nov 21, 2016 Working Group: Mike Levy, ACC PFPG

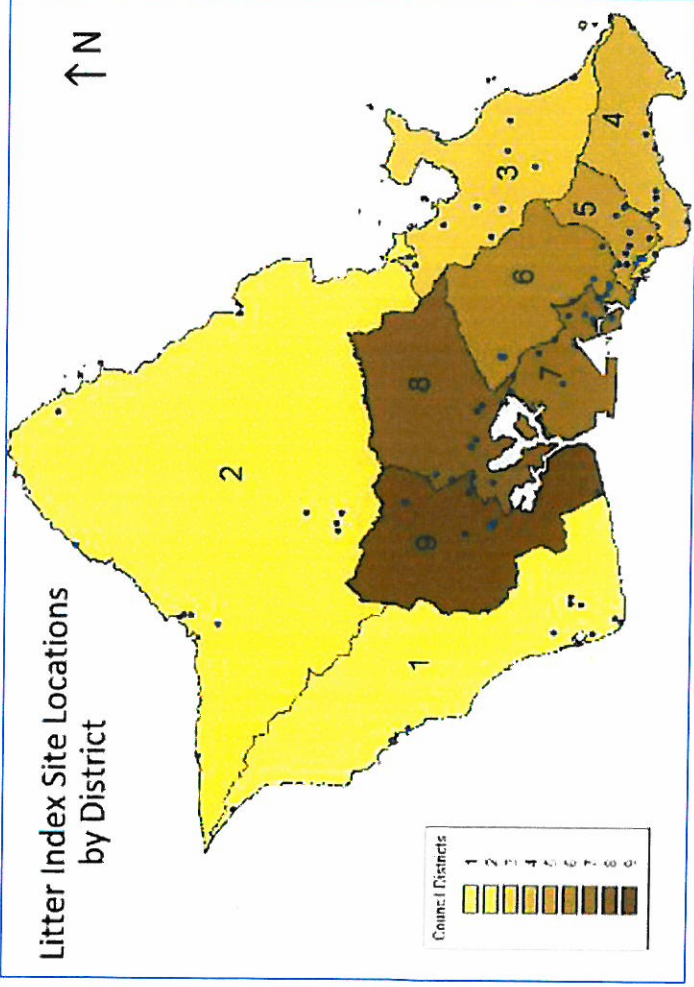
Partnership Case Studies Litter & Waste Reduction Case Studies

- Partnership approach – deals with litter/waste reduction for packaging without impacting specific products
- Industry/City Partnerships – ACC experience
 - Honolulu (Oahu), Hawaii
 - Baltimore, MD
 - Los Angeles, CA
 - Moore Recycling/industry associations – web resources for recycling

2016 Activities

- Honolulu – Implementing Litter Abatement Programs

1. Kupu Intern – Litter
2. Litter Index - Including Storm Drain Inlets
3. Ala Moana - Lidded Receptacles Pilot Program
4. Environmental Court Training - Focus on Litter and Stormwater Trash



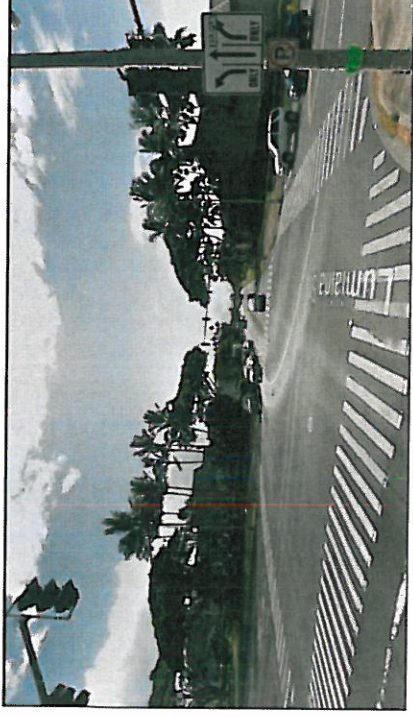
Site 9-1

Survey Type: Driving
Survey Target: Luminaia Street
Starting Point: Luminaia Street starting at 94-799 Paiva Street
Direction to travel: Southeast
End Point: Largo Bldg. (Church) just past Pulelo St.

Site Length: 0.5 miles
GPS Coordinates: 21.401265, -158.008853
Road Type: Arterial
Area Type: Commercial

Google Streets link: [Site 9-1](#)

Street map of Site 9-1 start point



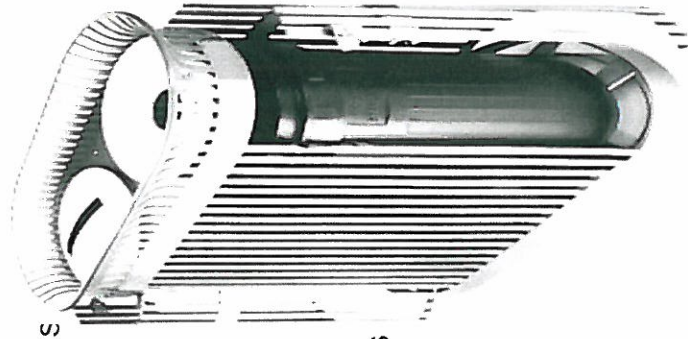
Ala Moana Park – Lids make a difference to prevent blowing litter than becomes packaging waste in ocean

KHIB (Keep Hawaiian Islands Beautiful) and KAB (Keep America Beautiful) - KHIB, KAB and the William S. Richardson Law School in Honolulu is development and presenting enforcement training materials based on local ordinances and state laws related to litter, illegal dumping, marine debris and storm water trash. Training to law and code enforcement officials, prosecutors and justices will also explain how litter-related problems negatively impact Honolulu as a community as well as the vitality of its tourism industry.

Local Hawaiian Restaurants - Hawaiian local restaurants play a special role in Hawaii culture. Led by Zippy's and several other local restaurants, with the guidance of ACC consultants, they have developed a local restaurant pledge based on Aloha Aina (Love of the Land), called "Malama 808" to take measures to prevent trash and litter from leaving their establishments. "Malama" is the Hawaiian word for "care for" or "take care of," and 808 is Hawaii's area code.

KUPU, whose mission is to empower youth to serve their communities through character-building, service learning, and environmental stewardship opportunities that encourage integrity (pono) with God (Ke Akua), self and others, is working with KHIB in an intern program to help foster positive litter prevention and education messages.

Commercial Harbor (implementing EPA and Hawaii Department of Health/HDOH) ERP will coordinate with KHIB to develop materials for and conduct a workshop to educate harbor tenants on and help them implement best practices for reducing harbor litter and storm water trash that can become marine debris. This training and promoting tenant's participation in the Adopt-a-Harbor program will show that the Harbor and its tenants are making good faith efforts to comply with the HDOT Consent Decree of 2014.



Baltimore, MD Partnership - 2013



STEPHANIE
RAWLINGS-RIEAKI
MAYOR



VALENTINA LUKWUOMA
BOURNAFIELD

- Baltimore city wanted to adopt zero waste policy by banning visible littered products
- ACC and City discussed positive solution approach
- City asked to get neighborhoods engaged to take litter ownership (packaging)
- ACC sponsored “Clean Community Competition”
 - \$24,000 in award money to winners
- Mayor/City/community benefited
- Waste Management sponsored similar event
 - continuity now

Los Angeles City and County Partnership to address zero waste – recycling promotion efforts

- City of L.A. sought education for “New to the Blue” recycling program
 - ACC contributed \$250,000 to help citizens with identification of plastics
- Litter (packaging) prevention programs.
 - For 10 years, ACC has sponsored Friends of the L.A. River (FoLAR) and the L.A. Conservation Fund (education group) to collect, measure and clean up L.A. River
 - measuring how much waste reduced year by year
- ACC teamed with California Restaurant Association (CRA) to promote “Rinse and Recycle” program with restaurants to recycle polystyrene and other plastics foodservice.
 - Over a thousand restaurants put posters and education materials to encourage customers who take home food Packaging to “rinse and recycle”

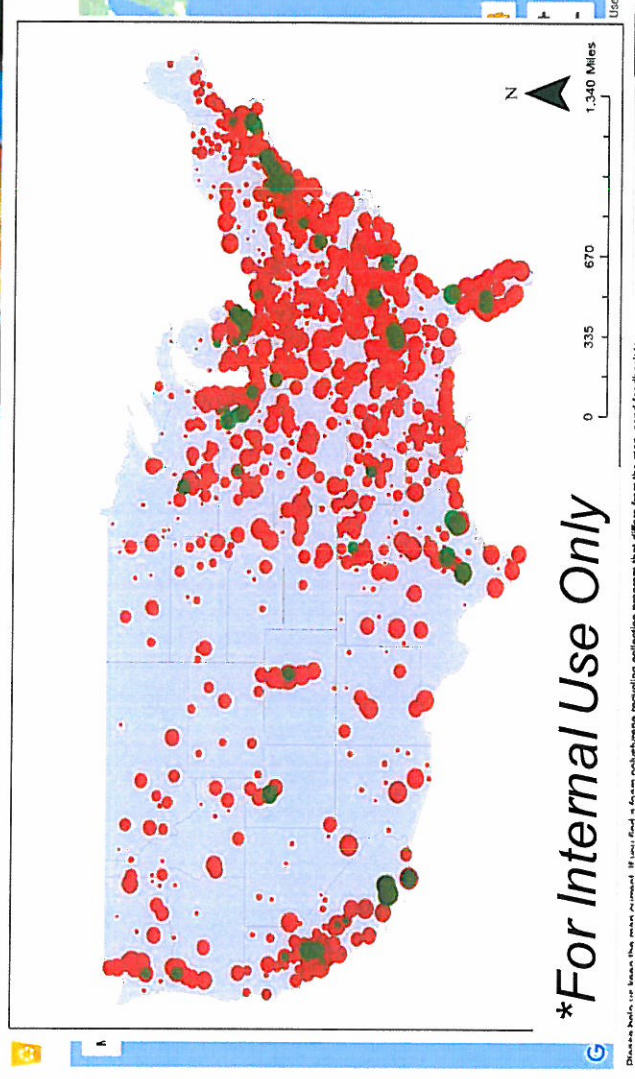
LA Conservation Corps and ACC

The Plastics Division of the American Chemistry Council is proud of our decade-long history of promoting recycling and environmental responsibility to youth in the Los Angeles region



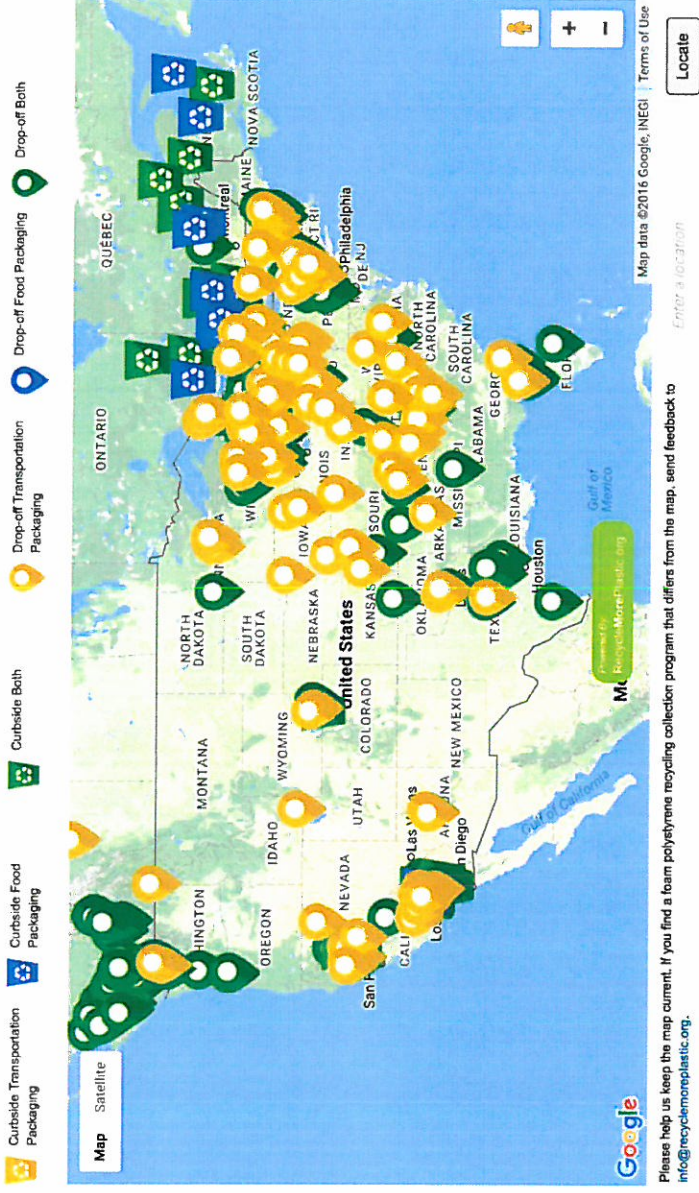
We are especially proud to have supported the LA Conservation Corps River Corp program since its inception to help teach responsible consumer behavior toward the environment through education and clean up. Thank you for all you do!

Availability of Recycling Study Update: Material Specific Update



- Add material specific drop-offs to availability study
- Original study did not capture them
- Very common for foam PS recycling

Foam PS Map and Webpage



- Regularly Updated
- Add new locations quarterly (489 locations)
- Immediately remove bad locations
- Spot-check website links regularly

http://www.recyclemoreplastic.org/plastics/eps_map.html

Foam PS listings: PlasticsMarkets.org



- Home
- Search
- List Company
- Scrap Pricing
- Handling & Bidding Guidelines
- Export Procedures

- Plastics Markets:

-9 suppliers

-19 buyers

Company Search Form

Please select a load size:

Truckload Quantity



Less Than Truckload Quantity



Clear form & start over

Also quick search:

Companies who this resin:

MN Restaurant Association

Comparative Price Exhibit



Product	Quantity Per Case	Case Price	Unit Price2	Source	Manufacturer
16 o. PE lined paper hot cup	1000	\$32.99	\$ 0.0330	Webstaurant Supply	Choice
10 oz. PE lined paper hot cup	1000	\$42.33	\$ 0.0423	Food Service Direct	International Paper
16 oz. PE paper lined hot cup	1000	\$38.99	\$ 0.0390	Webstaurant Supply	Choice
16 oz. hot cup - compostable	1000	\$ 128.15	\$ 0.1282	Food Service Direct	International Paper
16 oz. hot cup - compostable	240	\$ 54.14	\$ 0.2256	Food Service Direct	World Centric
16 oz. hot cup - compostable - ripple	500	\$ 208.15	\$ 0.4163	Food Service Direct	Nature House
16 oz. hot cup - PE lined	1000	\$ 89.35	\$ 0.0894	Food Service Direct	International Paper
20 oz. PE lined hot cup	600	\$ 29.99	\$ 0.0500	Webstaurant Supply	Choice
PS lids - 16 Oz hot flat style	1000	\$ 36.05	\$ 0.0361	Food Service Direct	International Paper
PS "dome" lids for hot cups	1000	\$ 24.99	\$ 0.0250	Webstaurant Supply	Choice
PS "dome" lids for hot cups - black	1200	\$ 24.99	\$ 0.0208	Webstaurant Supply	Choice
Compostable lid for hot cups - white	1000	\$ 69.55	\$ 0.0696	Food Service Direct	Ingeo
Soup cup - 12 oz PE	500	\$ 104.45	\$ 0.2089	Food Service Direct	Solo
Soup cup lids - PS	500	\$ 125.05	\$ 0.2501	Food Service Direct	Solo
14 oz. PE lined cold cup	1000	\$ 29.49	\$ 0.0295	Webstaurant Supply	Choice
32 oz. PE lined cold cup	500	\$ 35.49	\$ 0.0710	Webstaurant Supply	Choice
21 oz. PE lined "Coke" brand cold cup	1000	\$ 44.99	\$ 0.0450	Webstaurant Supply	Dart Solo
16 - 18 oz PE lined "Coke" brand cold cup	1000	\$ 39.49	\$ 0.0395	Webstaurant Supply	Dart Solo
16 - 18 oz. wax treated cold cup	1000	\$ 73.99	\$ 0.0740	Webstaurant Supply	Dart Solo
21 oz. wax treated cold cup	1000	\$ 97.99	\$ 0.0980	Webstaurant Supply	Dart Solo
16 oz. Compostable clear PLA	1000	\$ 78.99	\$ 0.0790	Webstaurant Supply	Fabri Kal
12 oz. Compostable clear PLA	1000	\$ 69.99	\$ 0.0700	Webstaurant Supply	Fabri Kal
20 oz. Clear PLA cold cups	1000	\$ 243.55	\$ 0.2436	Food Service Direct	Eco-Products



Regional Comparisons



Education –

What is happening now, what needs to happen in the future?

- Consumer Education
- Business Education



Marketing Opportunities

- [Green Star Business Benefits - Eco-Cycle](#)
 - Green Star Business Benefits Consulting and Concierge Support. In-depth sustainability assessment on all aspects of your organization and facility.
- [Recyclebank](#)
 - Recyclebank rewards people for taking everyday green actions with discounts and deals from local and national businesses.





Where are the gaps?





Next Assignments





Questions and Answers



City of Saint Paul - Sustainable "To Go" Food Packaging Initiative

November 21st, 2016

2pm – 4pm

375 Jackson St. Conference Room 2East

Agenda

- Welcome and Introductions
- Overview and Scope of Work Group
- Review of research
 - o Presentations:
 - o Bulk Buying – Miriam Holsinger, Eureka Recycling
 - o Small Business Success Stories & Challenges – WasteWise
 - o Community Outreach– Mary Gleich-Matthews, DSI
 - o Packaging Options – Rhea Hale, WestRock
 - o Partnerships – Mike Levy, ACC PFG
 - o Economically Viable Product Alternatives – MN Restaurant Association
 - o Regional Regulatory Comparisons – DSI
 - o Education (Consumer and Business)
 - o Marketing – Paris Dunning, East Side Area Business Association
- Next Steps

3rd Meeting Assignments:

- End of life entities – where will the materials collected go?
 - o Eureka
 - What comes in?
 - What is accepted? (Eureka Specific)
- Health Risks - ACC
 - o Styrofoam
- Credentialing:
 - o Gretchen/Simon - BPI Contact
 - o SAT – organics collection (Rob or Anne)
- MPLS – exemptions and implementation
 - o Exemptions for financial hardship or unique packaging requirements
 - Catering: to-go?
 - Hot/Cold items
 - Top exemption?
 - What is Minneapolis doing for exemptions?
 - Extra time for certified compostable solutions (hard to find acceptable items)
 - BPI Certification/ASTM

4th Meeting:

- Consumer Education (residential and business)
 - o Contamination issues (recycle and/or compostable)
 - Paper recycling
 - o Tie into residential recycling programs
 - o Enforcement
 - o Community Access
 - o Resident Messaging
 - o Business Messaging
- Consumer purchasing availability and cost
 - o Residents vs Business