



Henry McMaster
Governor

SOUTH CAROLINA
DEPARTMENT OF COMMERCE

Robert M. Hitt III
Secretary

Recycling Market Development Advisory Council (RMDAC) Meeting
Harvest Hope Food Bank
2220 Shop Rd, Columbia, SC 29201
Tuesday, July 17th, 2018
10:00 a.m. to 1:00 p.m.

Mary Louise Resch, the Government Relations/Grants/Disaster Manager of Harvest Hope Food Bank, provided a facility tour.

RMDAC

Chuck LaGrange, Greater Greenville Sanitation Commission
Vic Carpenter, Kershaw County
Kristen Brown, WasteZero
Ronnie Grant, Retired (proxy Carol)
Chris Fisher, Fisher Recycling
Glenn Odom, Retired (proxy Norm)
Tina Huskey, Mumford Industries

ABSENT

Andy Spicer, Ph.D. USC Darla Moore School of Business
Chad Prescott, Mid-Carolina Steel
Norman Chandler, Republic Services
Bill Laursen, Universal Environmental Services
Wes Westbrooks, BMW
Carol James-Gilchrist, Sonoco Recycling
Angel Lara, Southeast Recycling Resources
Brad Dutton, FiberQuest
Drew Smith, Michelin

GUESTS

Joseph McMillin, Atlas Organics
Douglas Groendyke, Harvest Hope

STAFF

Chantal Fryer, SC Department of Commerce
Anna DeLage, SC Department of Commerce

CALL MEETING TO ORDER

Kristen Brown motions to call the meeting to order at 11:10am. Minutes approved from May 15th, 2018 meeting.

DASHBOARD



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Activity	Status	Due date
Continue to manage market development efforts for more organics diversion and composting in South Carolina through the Don't Waste Food SC program.	Working with local composters on market needs -conference calls with DHEC, Atlas organics and SMART recycling	Ongoing
Coordinate meetings with grocery stores on Don't Waste Food SC	Working with DHEC on DWFC shareholder folder and blocking schedule on calendar	Summer/fall 2018
Continue to develop and support compost markets around the state	Examining existing gaps in infrastructure	Ongoing
Work with DHEC on DWFC summit and SERDC meeting to celebrate 2nd anniversary of campaign.	Summit will be held later in year. SERDC 12-14 will not address food waste; focus on contamination	Ongoing – specific deliverables tbd

MINUTES

Minutes approved for the May 2018 meeting.

DISCUSSION

Chantal Fryer provided an overview and highlights of the ongoing activities of the Recycling Market Development program by presenting the dashboard.

Activity	Status	Due Date
Events- CRA conference, Earth Day, and Fall campaign Columbia	4/13 -Heritage 4/18 USC Sustainability 4/19 -BMW 4/20 – Colonial Life 4/28 -Earth Day/B-day York	Ongoing



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Annual report/brag piece for YBMJ	Done	4/15/18
Promote Your Bottle Means Jobs Videos – shows jobs through recycling	Ongoing	CRA Demonstration Café and Booth 3/22/18
Fundraising for Your Bottle Means Jobs – tolling strategy and traditional method	Ongoing	Ongoing
Social Media – 628 follows on Facebook; 14,400 video views (since Jan 2017). 6264 minutes viewed.	Ongoing	Ongoing
Carpet America Recovery Effort	Board meeting July 25 in NJ. Attend via conf call.	Ongoing

Project Goal: Business Support

<ul style="list-style-type: none"> • Conduct visits of recycling businesses (ongoing): • Respond to recycling business assistance requests and site visits generated through referrals by the Existing Industry team at SC Commerce (ongoing) <ul style="list-style-type: none"> • <u>Ehren-Haus Industries, Inc.</u> York Recycling assistance through SCDOC Chantal Fryer 6/21/2018 • League Manufacturing Company Greenville Recycling Follow-Up Chantal Fryer 6/21/2018 • International Knife & Saw Incorporated Florence Inquiry regarding Fiber Industries Chantal Fryer 6/14/2018 • <u>Wilk Auslander</u> Recycling in Columbia Chantal Fryer 6/14/2018 • Winthrop Universtiv- Office of Sustainability York Honey Anna DeLage 6/19/2018 • <u>Comporium</u> York SC Commerce Follow-Up Polymer Processing Inc./Recycling <u>supersacks</u> Chantal Fryer 6/15/2018 • Wyoming Medical Center Email Intro to Michael <u>Gerace</u>/Chris Fisher Chantal Fryer 6/11/2018 • Palmetto Commerce International Newberry Alternatives to plastic bags for his textile packing operation Chantal Fryer 6/26/2018 • Wellman Plastics Recycling LLC Florence Carpet Recycling Chantal Fryer 6/11/2018 • Euphoria Greenville Euphoria Greenville event recycling support Chantal Fryer 6/19/2018 • The Center for <u>EcoTechnology (CET)</u> Inspector Card Anna DeLage 6/6/2018 • US Food and Drug Administration Inspector Card Anna DeLage 6/6/2018 • Clemson Extension Service Charleston Inspector Card Anna DeLage 6/6/2018 • Global Circle Recycling, LLC Recycling Fire Extinguishers Chantal Fryer 6/8/2018 • SC Food Safety Council Meeting, Rubberized Committee Conference Call, Wasted The Story of Food Waste • Manage RMDAC initiatives and provide oversight of meetings. (ongoing) • Provide oversight of glass recycling activities in the state to include Upstate and Midlands recycling activities.



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Project Goal: Develop robust marketing and outreach effort to communicate economic impact information such as with newsletters, social media, etc. (ongoing)

- Waste Tire Sustainability Group DHEC meeting on June 6 and July 18
- ED 101 – 14 economic development professionals on July 12
- Lancaster County Manufacturing Partnership (LAMP) on June 28

Other Ideas – 2018-2019 Contract Year:

- Work with SC Automotive Council on a recycling delegation for OEM's and suppliers to meet with during their conference Feb 19-21
- Conduct a Recycling Industry Forum in May 2019

OLD BUSINESS/ MARKET UPDATES

[This New York Times](#) article was brought up by one of the communities Kristen has been working with for pay-as-you-throw. It is RMDAC's role to share the real story of recycling in SC and the impact on job development and infrastructure. In the absence of a message people will create their own interpretation of the industry and the economy. This needs to be addressed in a press release to discuss the outlook in the industry and educate the general public about contamination. The MRF's need to be a part of this conversation.

Glenn mentioned re: PET, they are restarting the old Palmetto Plant/Fiber Industries in Darlington. At its peak it will produce 450Mlb of staple fiber. Any off-spec material can help local recyclers with feedstock.

Joseph said they have had a lot of luck with standardized labeling with Recycle Across America and [Beyond 34](#). Single stream recycling has definitely hurt quality, also consistency with local government support at drop off centers can be problematic. Some centers allow citizen to dump whatever that like others are very strict with separation. Counties can play a large role in reducing contamination, education, and standardized labeling. Targeting wishful recyclers can be a strategy to address people who are putting everything in the bin. Chuck mentioned that GGSC is interested in outreach to their residents about recycling right.

Chuck, Kristen, Vic, Tina and Joseph have an interest in moving the outreach conversation forward. Chantal will set up a conference call to discuss further and talk with Commerce Marketing on what the possibilities are.

GLASS: Chris Fisher provided the glass market update. Brown (\$13-\$22T), Clear \$15-\$25T), Green (\$10T), mix (\$6-\$20T), MRF (-\$30T).



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Glenn mentioned that when the markets were strong for materials there was never a focus on changing the process to reduce contamination. So, everything got baled up with the recyclables and yields for PET are as low as 50% when 10 years ago they were in the 70% range. Now that single stream is king, it may be time to visit the process discussion.

Tina brought up and read the definition of [recyclable plastics](#) that was released by the Association of Plastic Recyclers (APR) and Plastics Recyclers Europe (PRE):.

For a product to be considered recyclable under this definition, it must meet four strict conditions:

1. The product must be made with a plastic that is collected for recycling, has market value and/or is supported by a legislatively mandated program;
2. The product must be sorted and aggregated into defined streams for recycling processes;
3. The product can be processed and reclaimed/recycled with commercial recycling processes; and
4. The recycled plastic becomes a raw material that is used in the production of new products.

In considering outreach to the public on recycling messaging, multiple forms of communication need to be used. For instance, utilizing push notifications with new app technology that is available through groups like ReCollect may be a great opportunity to educate SC citizens. Kristen raised the question of whether the state would consider purchasing a statewide solution?

In regard to contamination, SERDC is framing their November 12-14 conference around the discussion of recycling challenges like international markets, contamination and what the industry can do to intervene and address those issues regionally. Some partners to consider are ISRI/ SWANA/ DHEC/ MASC/SCAC, city/county managers association and the brand owners to reign in packaging for recyclability.

PAPER: Most MRFs can't move cardboard bales on the West coast because of contamination. There is interest in reviving 2 old paper mills to handle mixed paper loads using a dry pulp process. This is partly due to the fact that paper mills are expensive to start from scratch. There is fluctuation in markets in India, Vietnam, and Asia. China is starting to give inspection certificates in the US, inspecting containers and opening bales 10-20 at a time to look for contamination. Domestic mill demand is strong. Cardboard is up \$5 (\$75-\$85T). Office grades are high due to disposable products like tissue increasing in the summer time. It's a buyers' market.

CARPET: Nylon 66 is strong, but it's only about 6% of the carpet that is being recycled. PET carpet is flooding the market. Atlanta Foam closed, last collectors left in SC are DC Foam (11 locations on East coast) and Southeastern Plastics Recovery.



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COMPOST: Slow season. There has been an uptick in compost use over chicken litter. Atlas's newest facility is in Durham, there is interest to transition from a Type 1 to a Type 4 and take biosolids.

RECYCLING: Separate, clean and dry is key. Polyester demand is up and LDPE is up.

NEW BUSINESS

None

Adjourn 12:55pm