



Henry McMaster
Governor

SOUTH CAROLINA
DEPARTMENT OF COMMERCE

Harry Lightsey
Secretary

Recycling Market Development Advisory Council (RMDAC) Meeting
Tuesday, January 11th, 2022
10:00 AM – 11:30PM

Meeting ID: 895 7896 3090
<https://us06web.zoom.us/j/89578963090>
+1 646 876 9923 US (New York)

RMDAC

Wes Westbrooks, BMW
Tina Green, Mumford Industries
Norman Chandler, Republic Services
Chris Fisher, GlassWRX SC
Brad Dutton, Dutton Polymers
Carol James-Gilchrist, Sonoco Recycling
Elizabeth Morgan, City of Rock Hill
Joseph McMillin, Atlas Organics

ABSENT

Angel Lara, Mid-Carolina Steel
Chad Prescott, Mid Carolina Steel
Vic Carpenter, Kershaw County
Kristen Brown, WasteZero
Dr. Andy Spicer, USC Darla Moore School of Business
Ronnie Grant, Retired

GUESTS

Glenn Odom, Retired
Philip Obie II, Santee Cooper's Used Oil – Gofer Program

STAFF

Anna DeLage, SC Department of Commerce
April Chaffins, SC Department of Commerce
Ashley Jenkins, SC Department of Commerce



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CALL MEETING TO ORDER

Wes Westbrooks motioned to call the meeting to order at 10:05 AM.

MINUTES

The November 18th RMDAC meeting minutes were approved.

Wes Westbrooks: welcomed the guests and introduced Philip Obie.

Philip Obie presented information on the GOFER Program.

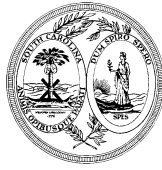
Philip: Give Oil For Energy Recovery (GOFER) is Santee Cooper's used oil collection and recovery program. It is South Carolina's largest used oil collection program for do-it-yourselfers. The main objective is to recover and utilize used oil as an energy source while protecting the environment. The majority of used oil collected through GOFER is recycled as supplemental fuel at our Winyah Generating Station. It began in 1990 as an Earth Day project with three oil collection sites. GOFER has grown to a statewide program with more than 450 do-it-yourselfer collection sites. The GOFER program also collects used oil from industries, commercial operations, farms and other customers. Santee Cooper Serviced oil collection tanks are located in almost every county of South Carolina. After Santee Cooper collects the used motor oil, it is used as a fuel to generate electricity at Winyah.

GOFER Give Oil For Energy Recovery & Recycling:

- It began in 1990 as an Earth Day project with three oil collection sites.
- GOFER has grown to a statewide program with more than 450 do-it-yourselfer collection sites.
- The GOFER program also collects used oil from industries, commercial operations, farms and other customers.
- Santee Cooper Serviced oil collection tanks are located in almost every county of South Carolina.
- After Santee Cooper collects the used motor oil, it is used as a fuel to generate electricity at Winyah Generating Station or is sold as fuel or to be recycled.

Who We Are:

- 4 Full Time Employees 3 Equipment Operators
- 1 Crew Supervisor
- 4 Vacuum / collection trucks
- 1 Truck Tractor with 3 Tanker Trailers
- Each collection trucks operate ~40,000 miles/year each
- 20 -30 calls, emails, or faxes requesting GOFER services each week



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- Total sites visited in 2021 of 2,729 or approximately 910,000 gallons collected

Who Do Serve

- 32 out of 46 County Recycling Centers
- 374 sites with over 1,750 visits to these centers throughout 2021.
- 678 pickups for Industrial, Commercial during 2021.
- 297 pickups from farmer, non-business customers, and other one-time pickup sites throughout 2021.
- 30 Santee Cooper Onsite Locations (Internal Customers), collect approximately 100,000 gallons of used oil produced inhouse.
- 2 Public, Santee Cooper-Owned,
- Locations: Moncks Corner, Myrtle Beach

Quality

Acceptable Products

- Motor Oil
- Gear Oil
- Fuel Oil
- Heating Oil
- Diesel Fuel
- Kerosene
- Transmission Fluid
- Hydraulic Fluid

Unacceptable Products

- Water
- Gasoline
- Antifreeze
- Brake Fluid
- Refrigeration Oil
- Paint Thinner/ Varsol
- Any Solvent or Cleaner
- Cooking Oil / Grease
- PCB Contaminated Oil



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Random Sampling Testing

Sampling of used oil will be conducted for two reasons:

- The EPA regulations require periodic sampling to ensure the oil meets the conditions of our Winyah Title V Operating Permit.
- Sample analyses help Generation personnel to be aware of the quality of the fuel used in the unit.

The GOFER Crew ensures compliance by collection of random samples and field testing them on a monthly basis as seen in the picture with both CLOR-D-TECT (Halogen testing) and CLOR-N-OIL (PCB testing).

Wes: Is there a cost associated with the program? Philip: For the do it yourself side we pick those up at no cost. Any of the commercial or industrial customers that we pick up it's a \$50 per pick up, whether we pick up one gallon or up 2000 gallons. The cost to our program has made the kind of be breakeven and where we get the break even at is when we use that fuel that recycle few and when you're generating station yeah that's taken away from. Anna: And if you are a county and you wanted to start a program or, if you are a commercial or industrial client what would be the process? Philip: Just contact our office. Anna: How does collection, over the course of the last year, compared to other years with COVID and have you seen any differences or hasn't been around the same? Philip: In 2019 we recollected just over a million gallons. Then in 2020 and 2021 it broke right around 900,000 gallons so we have seen a little drop off, but not as much as our folks with a scene. In 2021 we saw a drop off, early New Year and everybody was out because of the pandemic. As people start traveling towards the end of the year, we saw quite a bit uptick in the number of collections and number gallons we collected.

RMDAC UPDATES

RMDAC Annual Report: The report must be completed on March 15, 2022. Ashley will reach out with your commodity area that each board member represents. The report will be sent to the board members for additions or updates.

Material Marketplace: DHEC is moving forward with working with the Southern Waste Information Exchange (SWIX). Commerce will continue to work with DHEC to find the best pathway for the SWIX platform

Your Bottle Means Jobs: Commerce worked with Big Eyed Bird to create the Twelve days of recycled plastic gifts for a holiday campaign. The idea was from the Twelve Days of Christmas. For each post, each gift was made out of recycled plastic.

RMDAC DISCUSSION

CRA Legislative Day: Carolina Recycling Association, Southeast Recycling Development Council (SERDC), and SC Department of Commerce have been planning Legislative Day. The event is an evening reception with formal presentations. RMDAC / SC Commerce has a booth at the event. Dr. Spicer and Elizabeth Morgan have restrictions concerning being involved in



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Legislative Day. Chris Fisher, Tina Green, and Glenn Odom will be attending the event. The reception is at the Palmetto Club. Evening reception, and presentations will be presented. Commerce is working with Mark Hendrick to make sure the invitation is being pushed to the legislators.

RMDAC Recommendations: Sonoco is on board to support the Cardboard Recycling Standard. RMDAC decided to present the Cardboard Recycling Standard at Legislative Day. The Cardboard Recycling Standard is a low ask, and could potentially be an easy win. Sonoco is finalizing their new horizon project which shifts completely to recycled material. Sonoco will need the feedstock, and they would support. Commerce will meet with Mark Hendrick to work on next steps.

RMDAC Branding: RMDAC will use the SC Department of Commerce Just Right logo with the recycling symbol on all promotional material. RMDAC will have a mini-flyer with headshots of board members, and a banner advertising the Recycling Markets Directory.

MARKET UPDATES

Paper: Mixed paper went down \$5 to \$80 per ton.

Glass: Clear flint separated, with no contamination, is \$30 per ton. Single stream glass is negative \$25 to negative \$50 depending on your trucking or which landfill is closer.

Solid Waste: Labor is affecting us across the board, from a transportation standpoint or just people keeping people employed keeping them on the job, and I think everybody's suffering through that right now.

Carpet: Nylon 66 is in high demand, but short supply. Nylon 6 is in strong demand right now and price is stable. Polypropylene carpet, polypropylene general, is much higher. It is stabilized some, but it is still high and they are actually using recycled polypropylene carpet now. PET carpet is still a challenge.

Plastics: The PET side is running as full as it can. PET is up. The automotive sector is still slow due to the chips, and along with appliances.

Organics: Slow season, right now, so obviously it's cold nobody's doing anything so we're screening and stockpiling product for the spring.

OLD BUSINESS

None.



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NEW BUSINESS

Cardboard Recycling Standard: RMDAC decided to move forward and vote on the Cardboard Recycling Standard. The pathway would be showing the credibility of the industry, starting to educate the legislature as a whole, increasing awareness of the recycling industry and bundling that into an easy win like the Cardboard Recycling Standard. A motion was made to accept the language as is and move forward with presenting at the Legislative Day. The motion carried to move forward with the Cardboard Recycling Standard.

ADJOURN

The RMDAC board meeting was adjourned at 11:35 am.

The next RMDAC meeting will be on March 17, 2022.