Collection Center Decal System

Beaufort County, SC Solid Waste & Recycling

## Consultant Study: 2019



Beaufort County Convenience Centers Evaluation and Recommendations



FINAL REPORT November 2019

Prepared by:



## Recommendations

Limit • Limit Materials Accepted	Reduce • Reduce Number of Centers	<ul><li>Reduce</li><li>• Reduce Hours of Operation</li></ul>
Increase	Encourage	Require
• Increase	• Encourage Curbside	• Require Vehicle
Enforcement	Collection	Decal for Center Use

## **Decal System Goals**

# Reduce illegal use of centers

ContractorsOut of County users

Increase efficiency and reduce costs

## **Decal System Guidelines**

Decal is free to residential property owners Each decal is tied to the AIN of the parcel of land Property must have a dwelling unit on it

Limit of three visits a week per property address Only Beaufort County *residential* property owners can receive decals

## Decal System Guidelines Cont'd

Commercial properties, vacant properties, contractors, and out-ofcounty residents are not issued decals

Renters of residential properties cannot get a decal. Two of the larger Collection Centers have recycling areas open to anyone. No decal is required for these areas and there is a separate exit lane.

## **Registration On-Line**



SWR Decal Registration - Admin Entry

SEARCH BY: Situs Address, Mailing Address, Owner Name, or AIN

PROPERTY SEARCH\*

Registration Information: MANUAL ENTRY

Property Address \* AIN# \*

Please verify that the Owner Information on the Registration Card matches the Owner Information above. You should be suspicious if the mailing address on the Registration does not match the Property Address or the Mailing Address listed.

First Name *	Last Name *		
Phone Number (10 digit number only) *	Email		
Mailing Address *			
City *		State *	Zip Code *
la Oumar?			

## **Registration Post Card**



Beaufort County Department of Solid Waste & Recycling 120 Shanklin Road Beaufort, SC 29906

### Beaufort County Convenience Center Decal Application

Please complete the form on back and return to the nearest Convenience Center

Or Register Online at <u>www.beaufortcountysc.gov/SWRDecal</u>

#### Beaufort County Convenience Center Decal Application (Beaufort County Residents Only)

Please return your completed application to the nearest Convenience Center box.

First Name	Middle In	itial	Last Name	
Physical Address of Dwe	lling	City	State	Zip
Mailing Address (if differ	ent than above)	City	State	Zip
Email Address			Phone Number	
AIN	(from your mo	ost recent	Tax Bill)	

## **Decal Management System**



## **Development of Decal**

# Beaufort County Solid Waste & Recycling



## SWR Decal Scanner Mobile App









### **Education Outreach**



## **Initial Registration Form Data**



First 24 hours: 1,645 applications entered online

 Paper applications handed out at all centers First month: 12,573 applications total

 11,796 of those applications approved

## **Initial Scanning Data**

## 01

Scanning started at all centers in January 2021 02

First week of scanning: 19,368 decals scanned 03

If no decal, resident was provided a paper application to fill out and turn back in

## First Attempt to Implement

- April 2021
  - System temporarily went live
- Some rural residents did not have decals
- Work through pending applications
- Pending
  - non-matching information, heirs' properties, commercial properties, vacant properties, new builds, or renters



## Summer 2021

- May 2021
  - Met with County's Legal Office to determine guidelines for vacant properties, campers, etc.
- July 2021
  - Set new roll out date of November 1, 2021
- Residents would be given a three months' notice of what was going to happen



Beaufort County Convenience Center Decal Program Saves Residents \$290,000; Full Implementation Begins Monday, November 1



## **Temporary Decals**

- Green, yellow, and red decals corresponding to the three months leading up to November
- Resident filled out application, then their temporary decal was scanned
- Temporary number would be good for one month



## **Full Implementation**

- November 2021
  - Decal system went live and continues to be implemented to this day
- No decal? No entry into any Collection Center.
- As of June 1, 2022
  - 60,036 applications in Data Manager
  - 54,704 are approved and active



Reminder: Beaufort County Convenience Center Decal Program Full Implementation Begins Monday, November 1



## **Collection Center in Operation**



## Scanning - Windshield Decal sticker





## Scanning - Electronic decal



## Exit Lane = No Decal



## Start Up Costs

- Cost is over 18 months
- This program was created in-house
- Operating costs may be higher if duplicated with outside vendors

Printing	
Numbered decal stickers	\$ 8,737.62
Postcards	\$ 2,036.55
Envelopes	\$ 2,856.90
Labels	\$ 1,079.28
TIP cards	\$ 3,821.19
Decal application directional strips	\$ 1,840.17
Temporary decal postcards (green/yellow/red)	\$ 924.21
Advertising	
Praise FM	\$ 600.00
Supplies	
Tents	\$ 1,027.00
Sandwich Signs	\$ 1,109.09
Speed bumps (8)	\$ 1,618.96
Phone batteries, cases, screen protectors	\$ 1,925.78
Hot Spots (recurring costs per month) x 3	\$ 39.99
Postage	
FY21 start up	\$24,024.11
FY22	<u>\$ 2,976.84</u>
Total Operating Cost	\$54,617.69

## **Decal Management System Updates**

- Weekly data:
  - Scans per Center
  - Over Limit
  - Deactivated Scans
  - Export Emails



- Tracking feature allows staff to track a decal being abused or used by commercial contractors
- Tie each scan to the time the resident entered the Center

## **Program Successes**

- From 2020 to 2021
- Total Traffic Count: \$691,152
- Residential Private Curbside: 16,616
- Residential Disposal Costs: \$223,332
- Hauling Costs: \$511,571
- Total Savings: \$734,903
  - Did not go FULLY live until November 1, 2021

## Moving Forward

- Every day = new decal applications
- Additional uses of Data Management System
  - Reverse notification during storm
- Physical stickers have a lifespan of 3 years
  - Researching next phase of the "decal"
  - Automate scanning at centers

## Questions?

