

MUNICIPAL RECYCLING COORDINATORS' MEETING

March 11, 2016

AGENDA

- Welcome
- 2016 Household Hazardous Waste Program – Sean McLaughlin
- 2016 Document Shredding Program- Sean McLaughlin
- Paint Management Program – Art Burns
- Boat Shrink Wrap – Mary Jerkowicz
- Dates to Remember – Mary Jerkowicz
- Ocean County “How to” Compost Workshop - Mary Jerkowicz
2016 Monthly Educational Programs Called ‘From Lawe to Garden – Going Green, Saving Green sponsored by the Ocean County Soil Conservation District
- Electronic Waste Update – Mary Jerkowicz
- Presentation on Leaf Bales – Matt Vastano, Natures Choice Corporation
- Presentation on Earth Machine Composter-Rain Barrels – Jeffrey Brown
- Comments – Questions

Handouts: One-Side of the street garbage collection, “How to” Compost Workshop, 2015 Missing Quarterly Tonnage Report Forms, Ocean County Household Hazardous Waste Collection Program Chart and schedule of the first 3 events, Ocean County Document Shredding Program Chart, Making Recycling Pay, Leaf Bale Article Press of Atlantic City



2016 OCEAN COUNTY HOUSEHOLD HAZARDOUS WASTE DISPOSAL PROGRAM



Rid your home of potential hazards and protect the environment by participating in the Household Hazardous Waste Disposal Program

sponsored by

THE OCEAN COUNTY BOARD OF CHOSEN FREEHOLDERS

and

**THE OCEAN COUNTY DEPARTMENT OF SOLID WASTE
MANAGEMENT**

Many common household products pose a potential threat to your family, and to Ocean County's clean air and water. You can dispose of these materials at the sites listed below, free of charge by calling the County to pre-register.

Call: 732-367-0802 to pre-register for Manchester

Call: 732-506-5047 to pre-register for Toms River

Call: 609-978-0913 to pre-register for Stafford

STAFFORD TWP.

Public Works Garage
320 Haywood Road
Stafford Twp., NJ 08050

Saturday, April 16

9:00AM – 3:00PM

MANCHESTER TWP.

Public Works Garage
1360 Route 70
Whiting, NJ 08759

Saturday, May 14

9:00AM – 3:00PM

TOMS RIVER TWP.

Public Works Garage
1672 Church Road
Toms River, NJ 08753

Saturday, June 11

9:00AM – 3:00PM

**Pre-registration is required.
Registration is on a first-come first-served basis.**

Hazardous waste will not be accepted from businesses, school boards or government agencies. Only Ocean County residential households and farmers are eligible for this free program. A driver's license or tax bill will be adequate proof of residence. Our staff can advise you about any materials you are unsure of.

Acceptable Materials: paints/thinners/boat paint, solvents, pool chemicals, pesticides and herbicides, aerosol cans, auto products, toilet and drain cleaners, silver polishes, oven cleaners, photographic chemicals, rug and upholstery cleaners, polishes and bleaches, waste oil and used gasoline.

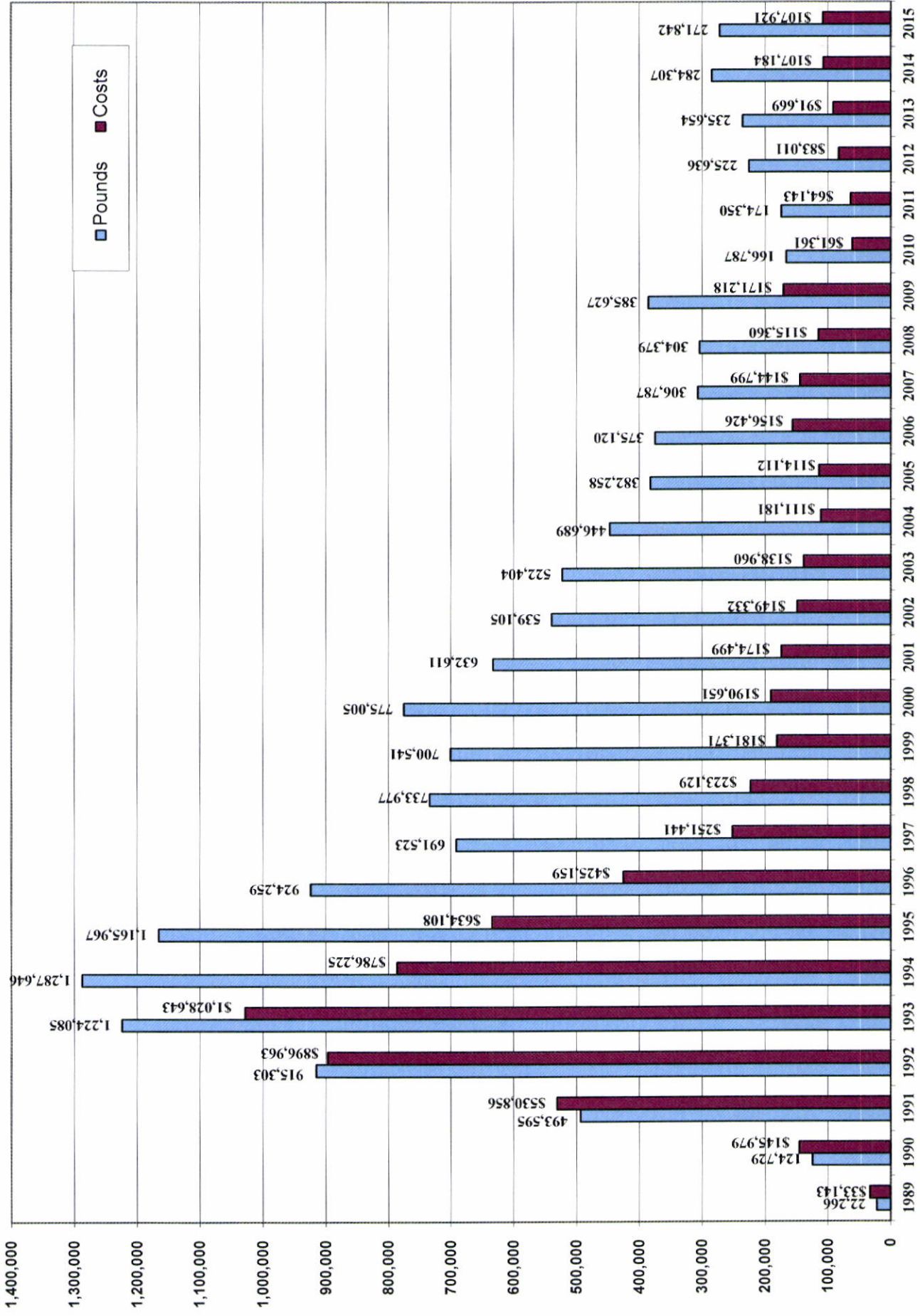
**ALL THE ABOVE MATERIALS, EXCEPT OIL AND GASOLINE,
MUST BE IN ORIGINAL CONTAINERS**

Maximum volume per household is limited to 200 pounds of dry materials and 20 gallons of liquid. Please, no containers larger than 5 gallons.

Unacceptable Materials: radioactive materials, dioxins, infectious waste ("Red Bag" wastes), explosives, unknown or unidentified materials.

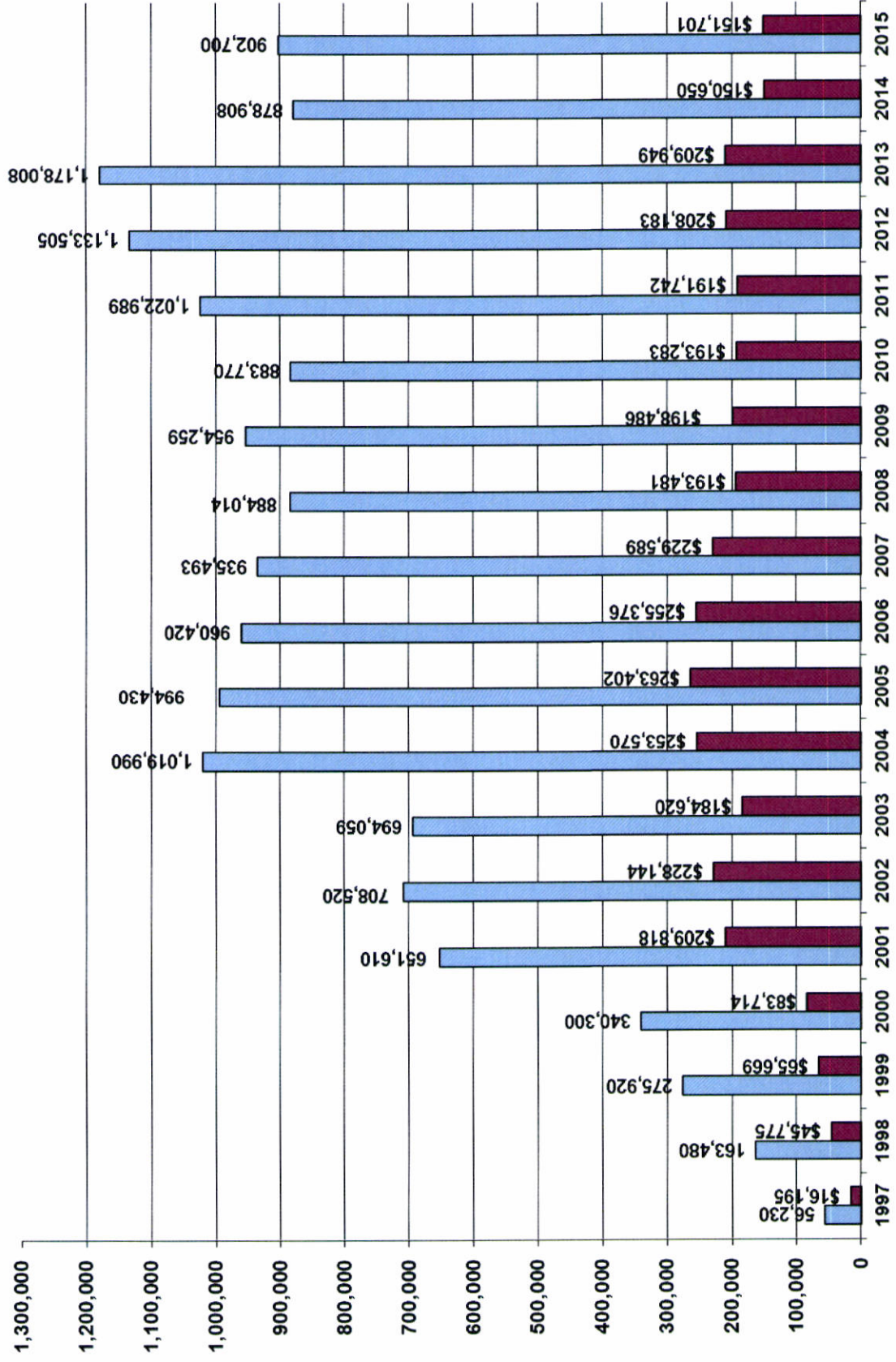
No CONSTRUCTION WASTE OR ASBESTOS.

Ocean County Household Hazardous Waste Collection Program Quantities and Costs 1989 - 2015



Ocean County Paint Management Program Quantities (in Pounds) and Costs 1997-2015

■ Pounds ■ Cost



Prepared by: Ocean County Dept. of Solid Waste Management



OCEAN COUNTY BOAT SHRINK WRAP RECYCLING LOCATIONS

**Ocean County Northern Recycling Center****732-367-0802**611 New Hampshire Ave.
Lakewood Township**Ocean County Southern Recycling Center****609-978-0913**Recovery Road
Stafford Township**Beach Haven Public Works Yard****609-492-2525**Amber Street
Beach Haven Borough**Berkeley Township Recycling Center****732-341-1022**Pinewald-Keswick Road
Berkeley Township**Brick Township Recycling Center****732-451-4062**836 Ridge Road
Brick Township**Lacey Township Recycling Center****609-693-1100 x8301**820 Municipal Lane
Lacey Township**Lavallette Recycling Center****732-793-7766**Baltimore & Washington St.
Lavallette Borough**Little Egg Harbor Township****609-296-5760**Public Works Yard
Route 539
Little Egg Harbor Township**Long Beach Township Recycling Center****609-361-1000 x6641**7910 Long Beach Blvd,
Brant Beach**Ocean Township Public Works Garage****609-693-3302 x233**Route 532
Ocean Township**Point Pleasant Recycling Center****732-892-1287**Arthur Ave.
Point Pleasant**Ship Bottom Recycling Center****609-494-2171**3rd Street and Central Ave.
Ship Bottom**Toms River Recycling Center****732-255-1000 x8187**1672 Church Road
Toms River Township**Tuckerton Recycling Center****609-296-5058**445 So Green Street
Tuckerton

sponsored by

THE OCEAN COUNTY BOARD OF CHOSEN FREEHOLDERS

and

THE OCEAN COUNTY DEPARTMENT OF SOLID WASTE MANAGEMENT



APRIL 16

10:00-12:00PM

COMPOSTING WORKSHOP

The Ocean County Board of Freeholders with Ocean County Department of Solid Waste Management, Ocean County Master Composters and Ocean County Soil Conservation District are offering a free "how-to" compost workshop for Ocean County residents. Learn how you can manage your organic waste, explore the benefits of using finished compost, and improve your soil's health! Made possible in part through funding from the Barnegat Bay Partnership. FREE! Location: Ocean County Recycling Education Center. Pre-registration required, seating is limited to 25 participants. For more information and to register, contact Mary Jerkowicz, Ocean County Department of Solid Waste, 732-506-5047 ext. 4365. Registrants should arrive early to enjoy a light continental breakfast. Workshop begins promptly at 10:00am. For additional information about educational programs through the Ocean County Soil Conservation District, please contact Becky Laboy, Education Outreach Specialist, (609) 971-7002 ext. 114 or education@soildistrict.org

**2016 Monthly
Programs Series:**
*From Lawn to
Garden – Going
Green, Saving
Green!*

**FREE Workshop
for Gardeners,
Soil Enthusiasts
and Curious Minds**

**Pre-registration
Required**

**A Different Topic
Each Month**

**REGISTER WITH:
OCEAN COUNTY
DEPARTMENT OF
SOLID WASTE
MANAGEMENT**

Mary Jerkowicz,
Senior Program Monitor
732-506-5047 ext 4365

**PROGRAM LOCATION:
OCEAN COUNTY
RECYCLING CENTER**
800 Towbin Ave.
Lakewood, NJ 08701



Fw: ewaste bill to be voted on
Ernest J Kuhlwein to: Mary Jerkowicz

03/10/2016 02:22 PM

From: Ernest J Kuhlwein/PSW/OCG
To: Mary Jerkowicz@Ocean County,

Please send out to the coordinators. Thanks

Ernest J. Kuhlwein Jr., P.E., P.P.
Director
Ocean County Department of Solid Waste Management
P.O. Box 2191
129 Hooper Avenue
Toms River, NJ 08754-2191
(732)506-5047

----- Forwarded by Ernest J Kuhlwein/PSW/OCG on 03/10/2016 01:52 PM -----



Marie Kruzan
<anjr@optimum.net>
03/10/2016 02:17 PM

To Marie kruzan <anjr@optimum.net>,
cc

Subject ewaste bill to be voted on

**The Senate will vote on the E-Waste bill S891
on Monday, March 14, 2016.**

**This is the same bill that was passed last year and
will help alleviate the ewaste problems many are facing**

**Contact your Senate reps
today or tomorrow
by phone/email to urge a yes vote on S-891.
See attached legislator list**



2012 Legislators - last updated March 2014.xls

Leafy ingenuity

CINDY NEVITT

Staff Writer | Posted: Thursday, February 11, 2016 5:51 am

LITTLE EGG HARBOR TOWNSHIP — This southern Ocean County municipality decimated by Hurricane Sandy hopes a way to curb bay flooding may be in the leaves, literally.

Nicholas Vene, 43, wants to help protect the bay sides of towns with thousands of pounds of leaves in tightly packed bales to build dunes planted with vegetation.

The idea is that the bales, each about 4 square feet in size and weighing more than an automobile, will stop storm surges and protect infrastructure.

Before Winter Storm Jonas, no one had tested whether leaves could be a viable solution to the growing problem of higher tides and worsening flooding.

The township was the first to experiment with the product, pioneered by Vene's Nature's Choice Corp. of Middlesex, placing the bales in some of its most vulnerable spots prior to the Jan. 23-24 nor'easter.

VIDEO

Patrick Donnelly talks about the bales of leaves in a video at PressofAC.com.

"There was the potential to have leaves and debris all over," said Patrick Donnelly, 35, the superintendent of Public Works who arranged for the township, at no cost, to receive 62 bales in a pilot program with Nature's Choice. "It could have been embarrassing, but it was a risk I was willing to take."

Despite the lashing they received from the water and wind during Jonas and again during this week's astronomically high tides, the 3,000-pound bales held.

About 20 of them were still stacked Wednesday at the end of Radio Road in the Mystic Island section of the township, banded together in front of the spit of sand at Graveling Point that serves as a favored fishing spot along Great Bay.

Donnelly estimated the bales of leaves saved the township \$10,000 in manpower and cleanup costs post-Jonas.

"Because storms, high tides and damages are not going to end, we found a way to put leaves in 3,000 to 3,500-pound blocks that are heavier than a car and band them together to form a barrier," said Vene, 43, vice president of Nature's Choice.

He said people mistake the densely packed bales of leaves for bales of hay, which they can push over.



Leafy ingenuity

Patrick Donnelly, 35, superintendent of Little Egg Harbor Township's Department of Public Works, says 62 bales of leaves placed in locations most vulnerable to bay flooding could have left a mess behind after Winter Storm Jonas but instead saved the township \$10,000.

Making recycling pay

Mobile app reduces contamination in city's curbside recycling program.

Greensboro, N.C., introduced one of the first single-stream automated recycling programs in the U.S. 22 years ago. However, we've struggled with contamination for several years.

Recyclables we deliver to ReCommunity, our long-time recycling partner, generates revenue for the city. Contamination drastically reduces the material's value and causes significant financial, safety, and operational issues at ReCommunity's plant.

The issue came to a head in 2015, when an ReCommunity audit revealed that our single field inspector was able to inspect only 5% of all 80,000 households. At 20%, the residential contamination rate was double the industry average.

Modernizing in a single leap

One reason is our program's age.

We use brown bins, not today's more typical blue or green recycling bins, and have never had an open-bin system where contamination is more quickly identified and resolved. The problem is exacerbated by the difficulty of communicating expectations and program rules to a diverse socioeconomic demographic with varying levels of interest in recycling.

When ReCommunity presented the



audit findings, they proposed implementing a mobile work order solution called Mobile311 from FacilityDude. We then spent five months testing the technology on a select number of households before implementing a full-scale program.

Mobile311 uses GPS technology with client-specific GIS data such as addresses, streets, collection routes, neighborhoods, parks, etc., and a customizable app interface to collect information in the field. It enables our refuse truck operators and recycling program manager to track repeat contaminators and target those households with additional education and enforcement.

We've outfitted our eight recycling trucks with a Samsung Galaxy

Tab 4 tablet loaded with a customized Mobile311 app. (The app also runs on Apple's iOS platform.)

Each truck already had a high-definition, closed-circuit Voyager hopper camera and in-cab monitor made by ASA Electronics LLC. Operators look at the monitor while emptying containers because it's the easiest way to ensure bins are completely emptied.

When a driver sees a load that includes textiles like bedding and pillows, hoses, scrap metal, opaque bags, yard waste, electronics, hazardous waste, and food, he taps a button on the app and Mobile311 creates a data point, using GPS, within Mobile311.

(continued)

One-side-of-the-street garbage collection

Monica Bramble

Solid Waste Manager

City of North Port, Florida

Member, APWA Solid Waste Management Committee

- 28,273 homes
- 103 square miles
- Automated garbage collected one time per week

What happens when an innovative idea is embraced by public servants and the community? In North Port, Florida, it built a more sustainable city. The idea was one-side-of-the-street garbage collection, which was piloted then implemented city-wide. The benefits couldn't be ignored: less fuel usage, savings in route time and lower overall emissions. Not to mention, the satisfaction that everyone is helping to better their community.

The vision for the idea began taking shape in the summer of 2008. Florida was in the midst of an economic crunch, diesel was reaching a high of \$4.80/gallon and everyone was looking for ways to cut costs. A few citizens and City solid waste drivers suggested collecting garbage from one side of

the street. Since North Port Solid Waste already used automated garbage trucks that collect from the right side of the vehicle, the truck would only have to drive down one side of the street to dump each tote. To save costs, residents were asked to place garbage totes on the same side of the street to eliminate the necessity of traveling each road twice. The driver's efficiency would increase, fuel and maintenance costs would be saved and there would be a decrease in emissions. The idea looked good on paper, but in practice some customer convenience would be lost. The question became, "Will the community accept this new method for garbage collection?"

Implementing a new idea

With approval from North Port City Commission, a pilot program began in September 2008. Three types of neighborhoods were selected to participate in the one-side-of-the-street garbage collection pilot: urban, rural and gated communities. From the beginning, those residents on busy streets, in cul-de-sacs, on assisted service or on streets where the garbage truck had to logistically travel twice were excluded. Information on the pilot was distributed to the media and placed on the City's website. A week before the resident started the program, a letter was left on their garbage tote explaining the idea and giving directions for what the resident was to do on their next collection day.

On the day the new collection method was implemented, a Solid

North Port side loader



MISSING 2015
OCEAN COUNTY QUARTERLY RECYCLING TONNAGE REPORTING FORMS

TOWN	FIRST	SECOND	THIRD	FOURTH
Barnegat				X
Barnegat Light				
Bay Head				
Beach Haven				
Beachwood				
Berkeley	X	X	X	X
Brick				X
Eagleswood				
Harvey Cedars				
Island Heights				
Jackson	X	X	X	X
Lacey				X
Lakehurst				X
Lakewood		X	X	X
Lavallette				X
Little Egg Harbor				
Long Beach				X
Manchester				X
Mantoloking	X	X	X	X
Ocean				
Ocean Gate	X	X	X	X
Pine Beach				
Plumsted	X	X	X	X
Pt. Pleasant Borough				
Pt. Pleasant Beach				
Seaside Heights				
Seaside Park				X
Ship Bottom				X
South Toms River				
Stafford				
Surf City		X	X	X
Toms River				
Tuckerton		X	X	X

X INDICATES MISSING FORM

1st Qtr. due April 15

2nd Qtr. due July 15

3rd Qtr. due Oct 15

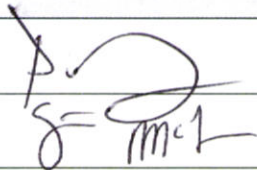
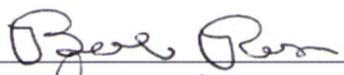
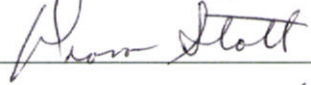

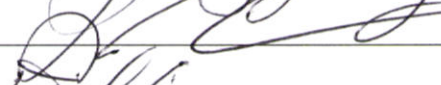


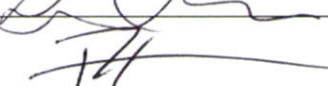
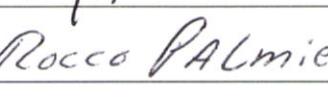
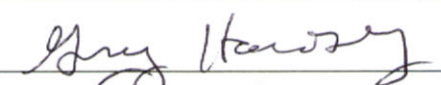
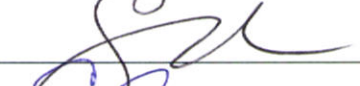
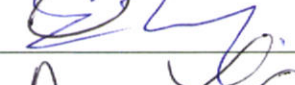
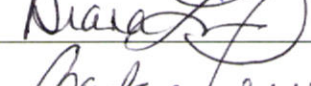
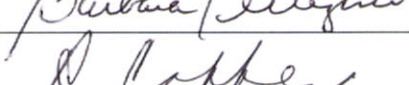
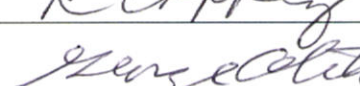

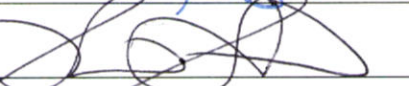

4th Qtr. due January 15

Due to tonnage data not available from commercial/private haulers until after the beginning of the following year, you can always file an amended 4th Quarter between January 15th and March 1st. <http://www.nj.gov/dep/dshw/resource/forms.htm> The Class A, B, C & D facilities have until March 1st of the following year to get their annual recycling reports to the municipalities, state and county

updated 3/3/2016

Ocean County Recycles

OCEAN COUNTY DEPARTMENT OF SOLID WASTE MANAGEMENT MUNICIPAL RECYCLING COORDINATORS MEETING March 11, 2016

Name (Print)	Signature	Municipality	Please <input checked="" type="checkbox"/> C.R.P.'s 1.5 meeting credits
Patricia Donnelly Sara McLaughlin		Leht. OCSWM	<input checked="" type="checkbox"/>
Bob Rossi		Ship Bottom	<input checked="" type="checkbox"/>
DIANA STOTT		HARVEY CEDARS	<input checked="" type="checkbox"/>
MARY TERKOWICZ		OCSWM	<input checked="" type="checkbox"/>
Len Amoroso		Toms River	<input checked="" type="checkbox"/>
Dave Eckhiser		STAFFORD	<input checked="" type="checkbox"/>
Sandra Blair-Sinn		Island Heights	<input checked="" type="checkbox"/>
DAVID WINTON		Borough of Lakewood	<input checked="" type="checkbox"/>
Rich Lombardo		Eggsboro Twp	<input checked="" type="checkbox"/>
Rocco Palmieri	Rocco PALMIERI	Brick Township	<input checked="" type="checkbox"/>
GREG HANDSHY		South Toms River	<input checked="" type="checkbox"/>
Angela Andersen		LBT	<input checked="" type="checkbox"/>
Eric Wijewickande		Seaside Park	<input checked="" type="checkbox"/>
Diana Lahullier		Lavallette	<input checked="" type="checkbox"/>
BARBARA TERREGINO		Seaside Hgts	<input checked="" type="checkbox"/>
ROSEMARIE COFFEY		Lakehurst Twp	<input checked="" type="checkbox"/>
GEORGIE ALTHOUSE		"	<input checked="" type="checkbox"/>
J. CASEY PARKER		Lacey Twp.	<input checked="" type="checkbox"/>
Sean Stone		Natures Choice	<input checked="" type="checkbox"/>