

Ocean County

MUNICIPAL RECYCLING COORDINATORS' MEETING

May 11, 2018

AGENDA

9:15AM

- Welcome
- Household Hazardous Waste and Document Shredding Programs 2018 – Sean McLaughlin
- 2017 Ocean County Quarterly Recycling Tonnage Reports – Mary Jerkowicz
- MYWASTE - Town Status for signing up – Sean McLaughlin
- RePurposed Materials – Webinar Recording from Damon Carson, Founder, President
- Summer Recycling Schedule Up dates from the towns
- Comment, question period

Agenda items may be subject to change



OCEAN COUNTY 2018 RESIDENTIAL DOCUMENT SHREDDING PROGRAM



sponsored by
THE OCEAN COUNTY BOARD OF CHOSEN FREEHOLDERS
and
THE OCEAN COUNTY DEPARTMENT OF SOLID WASTE MANAGEMENT

- The Residential Document Shredding program is to provide residents and taxpayers with the opportunity to recycle their old documents and files safely and securely. Commercial and business documents are not accepted.
- The service representatives are uniformed, bonded and insured. Papers are shredded by pierce and tear method.
- The shredding unit features an automatic feeding and dumping system, eliminating human contact with your documents and forms.
- Each vehicle is limited to 6 boxes or bags of documents each day.

APRIL

BRICK TWP.

Public Works Yard Lot
836 Ridge Road
Saturday, April 14
9 a.m. - 1 p.m.

LONG BEACH TWP.

St. Francis Community Center Lot
4700 Long Beach Blvd.
Friday, April 20
9 a.m. - 1 p.m.

PLUMSTED TWP.

Municipal Complex Lot
121 New Egypt Allentown Rd.
Saturday, April 28
9 a.m. - 11 a.m.

MAY

LITTLE EGG HARBOR TWP.

L.E.H. Community Center
319 West Cala Breeze Way
Wednesday, May 2
9 a.m. - 1 p.m.

SOUTH TOMS RIVER TWP.

Recreation Center Lot
1 Drake Lane
Saturday, May 12
9 a.m. - 11 a.m.

JUNE

BERKELEY TWP.

Recycling Center Yard Lot
630 Pinewald Keswick Road
Saturday, June 2
9 a.m. - 1 p.m.

EAGLESWOOD TWP.

Municipal Complex Lot
146 Division Street
Saturday, June 9
9 a.m. - 1 p.m.

STAFFORD TWP.

Southern Recycling Center Lot
379 Haywood Road
Saturday, June 16
9 a.m. - 1 p.m.

BAY HEAD BOROUGH

Recycling Center Lot, 214 Park Ave.
Saturday, June 23
9 a.m. - 11 a.m.

MANCHESTER TWP.

High School Soccer Field Lot,
101 S. Colonial Dr.
Saturday, June 30
9 a.m. - 1 p.m.

JULY

LAKEWOOD TWP.

Public Works Yard, 1 America Ave.
Friday, July 13
9 a.m. - 1 p.m.

TUCKERTON BOROUGH

Recycling Center Lot
445 South Green Street
Saturday, July 21
9 a.m. - 11 a.m.

OCEAN TWP.

Municipal Complex Lot
50 Railroad Ave.
Saturday, July 28
9 a.m. - 1 p.m.

AUGUST

LAKEHURST BOROUGH

Public Works Yard Lot, 800 Myrtle St.
Saturday, August 4
9 a.m. - 1 p.m.

TOMS RIVER TWP.

Riverwood Park Lot
250 Riverwood Drive
Friday, August 10
9 a.m. - 1 p.m.

LACEY TWP.

Recycling Center Lot
820 Municipal Lane
Saturday, August 18
9 a.m. - 1 p.m.

PINE BEACH BOROUGH

Walling Field Lot, 601 Station Ave.
Saturday, August 25
9 a.m. - 11 a.m.

SEPTEMBER

SEASIDE HEIGHTS BOROUGH

Recycling Center Lot
Bay Blvd. and Sherman Avenue
Saturday, September 8
9 a.m. - 11 a.m.

SURF CITY BOROUGH

Police Department Lot
9th St. and Central Avenue
Saturday, September 15
9 a.m. - 11 a.m.

POINT PLEASANT BOROUGH

Municipal Building
2233 Bridge Avenue
Saturday, September 22
9 a.m. - 1 p.m.

JACKSON TWP.

Municipal Building Rear Lot
95 West Veterans Highway
Saturday, September 29
9 a.m. - 1 p.m.

The program is for all paper documents and paper forms. Paper clips and staples DO NOT have to be removed. Unacceptable items are:
X-Rays, CDs, floppy disks, micro film and file folders.

All events will run the complete scheduled time or until the truck is full; whichever occurs first.

The truck has an 8,000 lb. capacity.

This FREE service is sponsored by the Ocean County Board of Chosen Freeholders

**Gerry P. Little, Director • John C. Bartlett, Jr., Deputy Director
Virginia E. Haines • John P. Kelly • Joseph N. Vicari**

Questions:

Please call the Ocean County Department of Solid Waste Management at 732-506-5047



2018 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

TOMS RIVER TWP.

Public Works Garage
1672 Church Road
Toms River, NJ 08753

Saturday, April 7

9:00AM – 3:00PM

MANCHESTER TWP.

Public Works Garage
1360 Route 70
Whiting, NJ 08759

Saturday, May 12

9:00AM – 3:00PM

STAFFORD TWP.

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

Saturday, June 2

9:00AM – 3:00PM

Pre-registration is required.

Registration is on a first-come first-served basis.

Future dates TBA in June.

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, propane tanks and fire extinguishers.

**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.

THE OCEAN COUNTY BOARD OF CHOSEN FREEHOLDERS
Gerry P. Little, Director • John C. Bartlett, Jr., Deputy Director
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MISSING 2017

OCEAN COUNTY QUARTERLY RECYCLING TONNAGE REPORTING FORMS

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

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 each year to get their annual recycling reports to the municipalities, state and county for the previous year.

April 21, 2018 8:22PM

'Wishful recycling' mucks the works

By SHAWNE K. WICKHAM

New Hampshire Sunday News

You recycle faithfully, putting all your plastic containers, glass bottles, paper and cans into a bin that you faithfully put out at the curb each week.

And if you have any doubts about whether something is recyclable, you put it in anyway, figuring the experts on the other end will sort it out.

So you're feeling virtuous, even a bit smug, this Earth Day. But the recycling industry is in trouble - and you might be part of the problem.

Mike Durfor, executive director of Northeast Resource Recovery Association (NRRRA), says recycling is "on life support." And there's plenty of blame to go around.

"It's all our fault; it's all China's fault; it's all single-stream's fault," he said. "It's a combination of all of those."

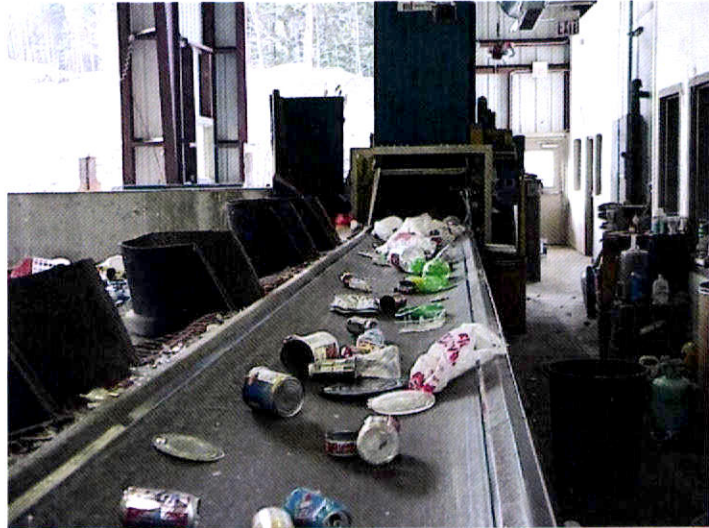
Until recently, about 30 percent of American recycled goods were shipped overseas. Most of that went to China, fueling that nation's economic growth. But last year, China announced it no longer would accept the quality of recycled materials the U.S. was sending there.

Here's why. Over the past decade, many communities switched to "single-stream" recycling, collecting all recyclables in a single bin, to be sorted at Material Recovery Facilities (MRFs). The idea was to increase the recycling rate by making it easier for folks, relying on technology to sort the goods at the other end.

It worked for a while, Durfor said.

Single-stream generates about a 33 percent recycle rate, he said. But the recyclables were being contaminated by other waste that was mixed in.

"It's awfully hard to unmake an omelet," he said.



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In Keene, humans and machines combine to sort materials that travel on a conveyor belt. (Courtesy)

Take a messy pizza box, for instance. If you throw it in with the rest of the cardboard, it contaminates the whole load, he said. Once that happens, that load has to be trucked to the dump - at a cost to the community.

And it's not just pizza boxes. Garden hoses, plastic bags and engine parts have all gummed up the works, he said.

It's what experts call "wishful recycling."

Costs on the rise

Now, China's new policy has set impossibly high standards for what materials it will accept. So the bottom has dropped out of the market and recyclables are piling up across the country while municipal managers scramble to find new markets.

The good news is that smart people are working on solutions.

Michael Nork is an analyst for the solid waste management bureau at the state Department of Environmental Services. "We were hoping by 2018 we wouldn't be having conversations about whether recycling makes sense economically," he said.

One solution is finding new uses for materials that used to go to China, Nork said. There are some emerging markets, such as Vietnam and India, but they can't match the capacity China used to absorb.

There's another problem, Nork said: The existing infrastructure isn't designed to deal with new packaging materials, such as plastic films and multi-layered cartons. "The reality is ... these MRFs were only designed to handle consumer packaging and food packaging," including boxes, bottles and cans, he said.

So not only are recycled materials less valuable than they used to be, but the costs have gone up as the rate of contamination has been creeping up over the past decade, Nork said. "Everything that ends up in the bin that's not supposed to be there ends up costing money and time," he said.

Glass is an especially vexing problem; it's heavy and it breaks, which can contaminate other materials. The last bottling plant in Massachusetts that used recycled glass closed down last month, further reducing demand.

Nork said some waste management companies are offering towns better rates if they leave glass out of their recycling loads. Hooksett recently announced it will no longer accept glass for recycling.

In contrast, some communities are looking at new markets, such as using crushed glass in road materials, Durfor said.

Mark Gomez, environmental programs manager for Manchester, said the current agreement with

Pinard Waste Systems "provides financial protections to the city that have mitigated the impact of China's new policies."

But he agreed the current recycling model "faces very strong headwinds."

When Manchester introduced curbside, single-stream recycling in 2012, Gomez said, "We saw an immediate 30 percent increase in recyclables placed for collections." Recycling increased by 1,450 tons during that first year; the city now picks up nearly 7,000 tons of recyclables a year, he said.

But, he said, "There's also no question it has resulted in cross-contamination that both shifts the cost of sorting from residents to the materials recovery facilities and devalues the products that the MRFs are able to pull out from the mix."

Gomez said both the public and private sectors need to be involved in finding a sustainable model for recycling. In the near term, he said, "Municipal programs will need to be designed in a way that is more responsive to market forces."

'Moon shot' needed

Duncan Watson is assistant public works director in Keene; he runs the city's recycling center and transfer station. He's also president of the board of trustees for NRRRA.

Watson has called for a "moon shot" to fix the ailing recycling industry.

He likens single-stream recycling to the first rockets that went into orbit. "It was pretty cool, but we obviously wanted to go to the moon," he said. That turned out to be far more complex than sending a rocket, but we eventually got there, he said.

Likewise, he said, the recycling movement is in the early stages.

Having residents sort their own recyclables is an obvious solution; it keeps items separate, which makes them more valuable, Watson said. That works in New Hampshire's smaller towns, where a weekly trip to the dump is a social institution, he said.

But residents of larger communities depend on the ease of curbside pickup and single-stream recycling, he said. "They just want something they can do thoughtlessly and conveniently," he said. "That's what recycling has to be and this is where the technology might ultimately save us."

At the Keene recycling facility, humans and machines combine to sort materials that travel on a conveyor belt. Once the items are sorted, managers work hard to find manufacturers that will take the material to make into new products, Watson said.

The problem is that not enough materials can be recycled today, he said. "I'm putting in a lot of effort to get 25 percent of the waste stream diverted right now. I want 90 percent."

His moon shot? Watson envisions a "one-bin" solution in which all household waste goes into a single bin that's picked up and taken to a large, multi-sort facility that can handle any and all materials. Some prototypes are already being tested, he said.

Someday, he predicted, "Anything you ultimately throw away, whether an orange peel or an aluminum can or a piece of paper, will ultimately find its way to a higher purpose."

Another promising solution, Watson said, is to "co-locate" manufacturing facilities that repurpose recycled materials on the same campus as sorting plants. "I'm absolutely convinced this is not only possible but economical and achievable," he said.

He's not suggesting the town dumps need to close, Watson stressed. "I just think that ultimately it's going to have to be a combination of that local thing combined with the genius of the technology that is available to us now," he said.

Nork, too, is optimistic. "There is a silver lining in that, when there's a challenge, it often brings an opportunity for people to get creative and find new solutions," he said. "In the long run, this is going to force everyone to think hard about how to make a better mousetrap."

The consumer can make a difference as well, by choosing products with minimal or no packaging, and supporting companies that use recycled content in their products, Nork said.

"At the end of the day, one thing that every individual has control over is what they put in the recycling bin," he said.

