

MID MISSOURI SOLID WASTE MANAGEMENT DISTRICT NEWSLETTER

REGION H

OCTOBER 2015

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Happy Anniversary!

The end of October will mark the one year anniversary of Boonslick Industries' ribbon cutting of their new facility in Boonville. The original structure was lost in a fire February 2012.



Not to downplay the devastation the sheltered workshop had to endure post-fire to rebuild, but the new complex is just what Boonslick needed. MMSWMD got the chance to visit the location recently and it is spectacular.

They have plenty of space to efficiently process their recyclables, they have a great motivational program for their clients, and the new Savvy Seconds is huge!

MMSWMD encourages you to stop in for a visit if you get the chance and you're in the area. We're confident that you'll be as impressed as we were.

Quest for Waste Reinvention

Phoenix was one of the first to put single-stream recycling to work for them, however their diversion rate is still 16%, well below the national average. City officials know they have to amp their recycling and trash efforts to minimize waste going into the landfill to accommodate their increasing population. Their new sustainability initiative is to divert 40% over the next five years. What is their plan? It will blow you away.

A Resource Innovation Campus is in the works to be constructed on a 50 acre plot of land south of the city. It will sit adjacent to a closed landfill, transfer station, and recycling center. This hub will become home to an Arizona State University research center and waste-to-products companies. As it suggests, the center will focus on finding new ways to repurpose trash and recyclables. City leaders are calling for them to reduce, reuse, recycle, reconsider and reimagine in order to meet their waste reduction goals.



Want to read more? Click [here](#)....

Fighting Food Waste in Spain



More food reaches landfills and incinerators than any other single material in municipal solid waste; this according to [FeedingAmerica.org](#). Additionally, there is the staggering number of approximately 70 billion pounds being wasted annually in the U.S. In Europe, it's estimated that 89 million tons is wasted.

For many, on a personal level, you do what you can to not purchase an abundance of food that will spoil before it's consumed. Some may donate to local food banks or soup kitchens before considering disposal. There is, of course, composting what food waste you can.

In Galdakao, Spain, there has been a creative means established to assist in reducing food waste. It's called the Solidarity Fridge. For the town of about 30,000, it's a good and convenient way to avoid wasting food. Restaurants and residents place soon to be spoiled or unwanted items into the fridge and those who need it, take it. Read more about this great initiative [here](#)....

Upcoming Events

October

- 2nd Howard County HHW; 9 a.m. to 1 p.m.
- 3rd Boone County HHW; 8 a.m. to 12 p.m.
- 10th Columbia's Bulk Compost Sale
Fulton Yard Waste Drop Site
Callaway County HHW; 9 a.m. to 1 p.m.
- 14th Cole County HHW; 9 a.m. to 1 p.m.
Audrain County HHW; 12 to 3 p.m.
Executive Board Meeting; 1 p.m.
Moniteau County HHW; 4 to 6 p.m.
- 17th Boone County HHW; 8 a.m. to 12 p.m.
- 21st Advisory Committee Meeting; 1 p.m.
- 24th Columbia's Composting Workshop
Fulton Yard Waste Drop Site
Callaway County HHW; 9 a.m. to 1 p.m.
- 28th Cole County HHW; 9 a.m. to 1 p.m.
Audrain County HHW; 12 to 3 p.m.

For additional event information beyond October, please view our [calendar](#). **Deadline** for Preliminary Large Grant Applications is Friday, November 6th @ 4 p.m.



A note from the District Manager.....

The MMSWMD is fortunate to have a long history of dedicated staff and board members. It is my pleasure to serve as the MMSWMD's interim district manager and act as a steward of the district's past performance while also looking ahead to future opportunities. My interests in recycling have matured from a Mizzou undergrad putting his roommates cans and plastics into a City of Columbia blue bag to a City of Columbia employee examining the impact of various collections methods on waste diversion for Columbia. I am looking forward to learning more as I work towards MMSWMD's waste diversion goals. MMWSMD or Region H is a diverse area from urban to rural and posses many unique amenities and institutions that give us both challenges and opportunities. Moving forward the MMSWMD will be looking toward projects and processes that make waste reduction and diversion a convenient and everyday part of life and business. We want to hear your ideas for increasing waste diversion; whether it is as simple as adding a recycling drop-off location to a community gathering spot or a complex process for manufacturing a new product from a current waste stream. Whatever your ideas are please don't hesitate to reach out to us.

Best, Lelande Rehard (573-817-6422, lrrehard@gocolumbiamo.com)

Be Green This Season

In the coming months we will celebrate Halloween, Thanksgiving, and Christmas. And let's not forget Veteran's Day!

There are many different things that can be done during the holidays to reduce waste. Of course, children like to receive candy when Trick-or-Treating, when taking them out for those goodies, use a pillowcase or cloth grocery bag to receive and carry their load.

For Thanksgiving and Christmas, family is first, but food tends to be the star. There's typically a wide spread to choose from and enough leftovers to feed your household for a week after the big day. Try to scale back a bit to avoid food waste. Alternatively, encourage guests to bring empty Tupperware containers to take home leftovers in case there is a plethora of food gone uneaten. Keep décor simple and try to purchase items you can store and reuse in years to come.

In our region, you may find events taking place to honor our Veterans. Whether it's a parade or a ceremony celebrating those who have served our nation, be respectful. Not only to the Veterans, but to the environment. Be sure to place any trash in a waste receptacle and recyclables in their appropriate container for disposal.

What Do I Do With It?

When you take your vehicle in for a new set of tires, you are assessed a small fee for the shop to keep your old tires and dispose of them properly. It's silly to take your old, worn tires home with you. But what to do when you have "inherited" tires from a recently purchased property or a tenant that exited your rental home?

Phone a tire dealer in your area and ask what their limit is on how many you can bring them. Keep in mind there will be a fee per tire, so be sure to ask what that is as well.

It's important to dispose of tires properly. If left out in the elements, rain water will fill them and attract mosquitos. Tires contain oils that contaminate soil; they also consist of heavy metals such as lead, that can persist in the environment and accumulate over time.

Landfill and Material Recovery Facility Tour

A group of young Lego enthusiasts visited the City of Columbia's Material Recovery Facility (MRF) recently. The reason for their visit was to gain ideas and inspiration for their upcoming First Lego League (FLL) Robotics competition. This years theme? Trash Trek. You can learn more about it by clicking [here](#).

The tour began at the MRF then led to the composting site, the landfill and it's gas generators. The group learned how recyclable are sorted, baled, and stored. The paper baler was in operation and the group witnessed a bale being banded. They saw aluminum bales, which weigh 1500 lbs each! They learned how compost is created and how the piles temperature can reach 160°F and how landfill methane gas is powering 2,000 homes in Columbia.

MMSWMD hopes the teams obtained some inspiration and helpful ideas. Good luck with your projects!



Landfill Superintendent, Mr. Paul shows FLL teams bales of paper and aluminum.

Congratulations!



Our own Lauren Henry received the Young Recycling Professionals Award at the 2015 MORA Conference! This award is given to a young professional who excels within their place of employment, but also gives back to their community.

Lauren has a passion for recycling and strives to increase the capacity of the City of Jefferson's existing programs. Since 2011, most of which is under Lauren's oversight, a wide variety of recycling programs have been established that include; food and beverage container glass recycling, portable recycling trailers for special events, the cooperative City of Jefferson/Cole County Household Hazardous Waste Facility, and permanent containers placed in downtown Jefferson City. Lauren participates in growing diversion outside of Jefferson City, serving as Chairperson for Region H's Executive Board and on the MORA Board as Membership Chair. Lauren will continue to grow both Jefferson City's and Missouri's waste diversion rates through the remainder of her career.

Tackling Food Waste

It's more geared toward food service establishments and commercial kitchens, but we all can learn a few tips from the EPA's new, free resource to reduce food and packaging waste!

[The Reducing Wasted Food & Packaging Toolkit](#) encompasses helpful tips that restaurants, grocers, caterers, and other commercial kitchens can use to save money and reduce their environmental impact. Topics include, yet not limited to reducing over-purchasing costs through waste prevention, reduce labor costs and increase staff efficiency, and reducing disposal costs. It also addresses food packaging waste.

The first step in reducing waste is to measure and track the amount, type of, and reason for the food and packaging being discarded. A thorough food and packaging assessment serves as the foundation for reduction efforts. Additionally, tracking when the material is generated can also provide useful information to target specific causes for wasted food and packaging.



Be sure to check out this invaluable resource!

America Recycles Day is November 15th!

Mission: Strive for 75%

Missouri Recycling Association (MORA) is on a mission to educate our communities on ways to increase Missouri's waste diversion rate. It currently stands at 57% and MORA is pushing to see it increase to 75%.

A lot of their focus is on electronic, organic, and construction waste being recycled/composted to eliminate it from going to the landfill. The good news for electronic recycling is that the demand for this service has produced 41 registered entities over the years in MO. Region H has four locations to take your e-waste (see page 4).

Organics (yard wastes, food wastes, manures, soiled papers, wood, etc.) can be reduced or eliminated from disposal by composting or reducing the waste produced. Some municipalities offer yard waste services to turn it into mulch for use or resale to the public.

Looking to reduce construction & demolition waste is a challenge. Most of these products are unable to be recycled. Education is key and the industry using LEED principles will assist in slowly reducing landfill waste.

Read more about MORA's Strive for 75% by clicking [here](#). The link also includes the "Drive for 75 Dictionary" and contact information for recycling options for certain items.

City of Columbia Electronic Waste Collection

Saturday, October 3, 2015

9am - Noon

Home Depot Parking Lot

3215 Clark Lane, Columbia, MO



E-waste Collection Fee Charged:		Accepted at No Charge — Working or Not	
Monitors	\$5.00	CPUs	Scanners
Portable Televisions	\$10.00	Printers	Speakers
Console Televisions	\$20.00	Keyboards	VCRs
Copiers	\$25.00	Computer Mice	DVDs
Microwaves	\$5.00	Laptops	Telephones
		Wires	Cables
		Hard Drives	Fax Machines
		Cell Phones	Pagers
			Car Batteries
			Dryers
			Stereos
			Satellite Dishes
			Stoves
			Radios
			Washing Machines

Partners for this event include



For information, contact: Stan Fredrick
Mid-MO Recycling
6104 Brown Station Road
Columbia, MO 65205
Phone: 573-474-3997 or Email: recycle@socket.net

MID-MO RECYCLING DOES NOT EXPORT MATERIALS OVERSEAS

Incoming items are sold or de-manufactured. Most items are sold wholesale to local computer stores to be resold. Some items are given to nonprofits (Boys & Girls Club, 4-H, local schools, churches). Metals are sold to Advantage Metals in Columbia. All items are recycled including screws, plastic, paper and cardboard boxes. No computer items are landfilled.

Mid-MO Recycling is a State of Missouri, DNR Level 1 Recycling Center through the Missouri Department of Natural Resources E-waste certification program. Additional information is available at www.ecyclemissouri.org.

Materials Directory

Many of you may be familiar with MMSWMD's Recycle Guide. It's a printed document the district put together several years ago outlining all recycling and hauling services in Region H to comply with MDNR's reporting requirement. A copy of this resource was then placed on our website for our residents and communities to reference.

Early 2014 saw MDNR moving from a paper system to an electronic system. A program was developed where districts would add local contractors, vendors and drop off locations offering recycling, reuse, and disposal services. They are then be plotted on an interactive map. It's a simple, helpful tool that allows residents to search their specific area for specific services. This program went live July 2014 and is called the Missouri Materials Management Directory. It can be found at <http://dnr.mo.gov/env/swmp/rrr/waste-mgmt-directory.htm> On this site, there is also an option for business owners and operators add their recycling service location(s) to the directory. Check it out! Add yourself if you don't see your service listed.

Electronic Recycling

Did you know.....there are four outlets to recycle electronics in Region H.

Federal International, 2730 West Main Street, Jefferson City, MO; 573-636-5828; www.federalinternational.com

Mid MO Recycling, 6104 Brown Station Road Columbia, MO; 573-474-3997; www.midmorecycling.com

Midwest Recycling Center, 1327 MO-179, Jefferson City, MO; 573-635-4122; www.midwrc.net

Value Plus Technology, 3013 David Drive, Columbia, MO; 573-239-2515; www.valuepluspc.com

Each of these businesses are registered with MDNR to accept unwanted or unusable electronic equipment. These are items range from things like radios and televisions to freezers and hot water heaters. Rule of thumb: if it runs on batteries or has a cord, there's a good possibility it will be accepted.

Some locations charge fees for certain items. Be sure to check their website or give them a call before your visit.

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