

April 1, 2012

Volume 5, Issue 3

# Window to Waste

## Devastation at Boonslick Industries



Boonslick Industries is a sheltered workshop that provides employment to approximately 220 men, women, and children with disabilities. They also extend services and programs to those with a handicap.

On February 2, 2012 Boonslick Industries sustained a major fire that resulted in the facility and everything inside to be lost. Fortunately, there were no injuries as the blaze began before business hours.

As many of the workers have been temporarily displaced, Boonslick has been able to set up and alternate location at 1907 Main St. in Boonville enabling them to continue and serve its community and their recycling needs. Boonslick collects and processes a long list of recyclable items from 150 businesses and schools across Region H. Some of these items include cardboard, paper, cans, and textiles. They have not let this travesty slow them down. Boonslick is committed to move forward to rebuild and expand their services. They have received a great deal of support from those associated their programs and members of their community. If you would like to make a monetary donation or find out how else you can help, visit [www.uoi.org](http://www.uoi.org) or call 660-882-5576.

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### FY2012 DEADLINES FOR GRANT APPLICATIONS

- 09/02/11—Preliminary applications for small grant projects due
- 09/23/11—by 4:00 p.m.—Final applications for small grant projects due in MMSWMD office
- 11/11/11—Preliminary applications for large projects (no small projects considered this process)
- 01/04/12—by 4:00 p.m.—Final applications for large projects only due in MMSWMD office
- 03/02/12—Preliminary applications for small grant projects due
- 03/23/12—by 4:00 p.m.—Final applications for small grant projects due

## New HHW Facilities for Region H to Open!

Representatives of Howard and Moniteau County have been working hard this past year to obtain materials and erect an HHW facility for their residents and the rest of Region H. Their diligent efforts have paid off and their Grand Openings are quickly approaching! To prepare for opening, employees of the new HHW locations attended a mandatory 3 day training to become certified in how to safely handle items that are dropped off. Some of the common items accepted at the HHW facility is paint, motor oil, mercury, and household cleaners. For a complete list visit: [www.mmswmd.org/recycling/household-hazardous-waste-hhw/](http://www.mmswmd.org/recycling/household-hazardous-waste-hhw/) Please make note of the dates and times the new facilities are open so you can take advantage of their services.



**Howard County HHW Facility, Opening April 6th** at 702 S. Church St. Open to residents of the City of Fayette and Howard County, by appointment, the first Friday of the month April—November, 9am to 1pm. Information: 660-248-5246.

**Moniteau County HHW Facility, Opening April 14th** at 210 N. Pacific St. Open to residents of the City of Tipton and Moniteau County, by appointment, the second Saturday of the month April—October, 9am to 11am. Information: 660-433-2323.

# Mercury, the Environment, Disposal, and You

## Mercury

Article submitted by:



Mercury is a naturally occurring element found in trace amounts in rocks, minerals, soils and the atmosphere. It is the only heavy metal that is liquid at room temperature. In the elemental form, mercury can vaporize with increasing temperature. Other forms of mercury include inorganic such as mercury salts and organic forms, such as methyl mercury.

The amount of mercury found in the atmosphere, soil and water has increased during the last hundred years due to human activities. Each year in the United States, 150 tons of mercury is emitted into the atmosphere. More than 50 tons is emitted by coal fired power plants alone. Waste incineration and improperly disposed of mercury products are responsible for the rest of the mercury released into the environment.

## Mercury Uses and proper Disposal:

Mercury is used in items such as thermometers, barometers, switches, thermostats and fluorescent lamps. Most of these items can be replaced with mercury-free (or lower-mercury) alternatives. Although hazardous waste generated from a single family dwelling can legally be disposed in the trash, the best practice is to dispose of your waste at a Household Hazardous Waste collection event or permanent collection facilities. You can drop off mercury products at Missouri Department of Natural Resources, 2710 W. Main St., Jefferson City, Monday through Friday from 8-5. MDNR has additional information regarding mercury on its Web site at [www.dnr.mo.gov/env/mercury.htm](http://www.dnr.mo.gov/env/mercury.htm).

### About Stormwater Management:

Stormwater Management is represented by Boone County, City of Columbia, and University of Missouri. These entities go through great lengths to educate and assist the community (both residential and commercial) in proper stormwater procedures. The guidelines in place promote sustaining a safe and healthy living environment for County residents and its wildlife. If you live in **Boone County** and would like additional information or if you have questions about stormwater run-off in your area, visit [www.showmeboone.com](http://www.showmeboone.com), [www.gocolumbiamo.com](http://www.gocolumbiamo.com) or [www.missouri.edu](http://www.missouri.edu). Keyword search "storm water".

## Mercury Poisoning:

There are two main pathways for humans to be exposed to mercury; *inhalation and eating contaminated fish*. Mercury attacks the central nervous system in humans. Unborn children and those under the age of 12 are at the highest risk, because their nervous system is still developing.

## Inhalation Risks:

Exposure risk from elemental mercury is improper handling and disposal of spilled mercury. Mercury volatilizes quickly and is easily inhaled. Improper clean up may spread particles and increase long-term or chronic exposure.

Indoor air may be contaminated by mercury vapor from a broken fever thermometer, or other products that were improperly cleaned up or unnoticed. At a high levels, (acute exposure), mercury can cause damage to the central nervous system, tremors, inability to walk, convulsions and even death.

## Contaminated fish:

When mercury is exposed to the air, or heated it is released into the atmosphere. Rainfall or snowmelt carries mercury into lakes and waterways. Once in the water, bacteria convert elemental mercury to methyl mercury. In this form, mercury accumulates in the tissues of some fish. When humans eat the fish, the mercury becomes a health risk, especially to children, and nursing mothers.

For a detailed list of fish to limit in your diet visit [www.health.mo.gov/living/environment/fishadvisory/pdf/12fishadvisory.pdf](http://www.health.mo.gov/living/environment/fishadvisory/pdf/12fishadvisory.pdf)

## Household Hazardous Waste Facilities in Region H

**Audrain County - City of Mexico HHW Facility**, 201 South Morris, Mexico. Open to residents of Mexico and Audrain County by appointment only every 2nd and 4th Wednesday from 12noon to 3pm. Information: 573-581-2100 x315.

**Boone County - City of Columbia HHW Facility**, 1313 Lakeview, Columbia. Open to residents of Columbia and Boone County on the first and third Saturdays of the month, April to November, from 8am to 12pm. Information: 573-874-6291.

**Callaway County - City of Fulton HHW Facility**, 1201 Westminster Ave. Open to residents of Fulton and Callaway County by appointment, every 2nd and 4th Saturday, 9am to 1pm, April through October. Information: 573-592-3950.

**Cole County HHW Facility**, 2310 Hyde Park Rd. Open to residents of the City of Jefferson and Cole County, by appointment, every 2nd and 4th Wednesday, 9am to 1pm, March through October. Information: 573-634-6410.

**New facilities in Howard and Moniteau County opening in April. See page 1.**

# Spring Clean-up is Here!

Every year many municipalities in Region H organize City Wide clean ups. Some offer volunteer opportunities to pick up trash along roadways and sidewalks. Others extend opportunities for large item curbside trash pick up or organized drop-off locations. These events help promote proper disposal of trash, electronics, appliances, and hazardous materials. Below is a list of some communities that have events coming up. If you do not see your area listed, contact your local City Hall. Be sure to reference page 2 of this publication if you have any Household Hazardous Waste to dispose of.

**City of Columbia:** Clean-Up Columbia, Saturday, April 14th beginning at 10am. To volunteer visit [www.gocolumbiamo.com](http://www.gocolumbiamo.com)

**City of Jefferson:** Citywide Residential Large/Bulky Item Pick-up. Week of April 16th. Visit [www.jeffcitymo.org](http://www.jeffcitymo.org) for additional information

**City of Fulton:** Fulton Pride Day, Saturday April 14th; Citywide Residential Large/Bulky Item Pick-up. Week of April 16th. [www.fultonmo.org](http://www.fultonmo.org)

**City of Mexico:** Citywide Residential Large/Bulky Item Pick-up. April 7th & 14th. Visit [www.mexicomissouri.net](http://www.mexicomissouri.net) for additional information

Thank you to our Communities for organizing these special waste pick ups and collections!

## Tire & Ewaste Collection

Saturday, May 12  
9:00am-1:00pm

**Howard County Port Authority**  
609 Main St.  
Boonville, MO

## Got Drugs?



The Drug Enforcement Administration (DEA) has declared Saturday, April 28th, National Prescription Drug Take Back Day. On this day, the DEA encourages local law enforcement to organize a collection from 10am—2pm. Prescription and non-prescription drugs surrendered are then disposed of safely. For additional information about this event and to find a drop-off event near you, visit [www.justice.gov/dea/](http://www.justice.gov/dea/) or contact your local law enforcement agency.

# Earth Day is April 20th!

Friday, April 20, 2012, the Missouri Department of Natural Resources will sponsor and host their annual Earth Day Celebration on the lawn of the State Capitol from 10a.m. to 2 p.m. Activities include information booths, games and displays about the environment. Many other state and federal agencies join the department to bring additional environmental exhibits to the event.

What will you do to honor this year's Earth day?

**Plant a**



**Ride a**



**Don't Litter**



## MMSWMD Region H Meeting of Council

**Wed, May 9, 2012**  
6pm—Dinner  
7pm—Meeting

Commission Chambers,  
Boone County Government Building,  
801 E. Walnut,  
Columbia, Mo

Guest Speaker—Tim Killday of EcoPave, LLC

Mr. Killday will speak about their paving Product that is made of recycled glass and the benefits it has to stormwater run-off.

Council representatives may confirm attendance by calling 573-874-7574 or send an e-mail to [mmswmd@GoColumbiaMo.com](mailto:mmswmd@GoColumbiaMo.com)

# Grant Awards: Rounds 1 & 2

## Round 1 Approved November 9, 2011

**“Park System Fall Zone Safety & Landscaping Project”** City of Holts Summit; *This grant will allow the City of Holts Summit to purchase recycled waste tire shreds to be placed in the fall zone area of the Hibernia Station Park playground and the Greenway Park swing-set area. Waste tire curbs will be purchased and placed in these same areas to contain the waste tire shreds. Curbs will also replace concrete landscaping blocks around City Hall.* Grant \$5,000; Match 4,915.50; Total Cost \$9,915.50

**“Permanent Downtown Recycling Containers”** City of Jefferson; *This grant will allow the City of Jefferson to purchase recycling receptacles for downtown Jefferson City. Allied Waste will pick up the single stream recycling and Federal Recycling will process it.* Grant \$5,000; Match \$1,488.40; Total Cost \$6,488.40

**“Further Expansion of Moniteau & Howard County”** Boonslick Industries, Inc.; *This grant will allow Boonslick Industries to purchase bins to expand their routes in Moniteau and Howard County.* Grant \$5,000; Match \$3,340.60; Total Cost \$8,340.60

**“Purchase & Install Baler to Recycle 100% of MBE’s Cardboard”** Marathon Building Environments; *This grant will allow MBE to purchase and install a baler to allow them to recycle 100% its cardboard. MBE will also recycle cardboard from area businesses and schools.* Grant \$5,000; Match \$8,843; Total Cost \$13,843

## Round 2 Approved February 8, 2012

**“Vehicle for Additional Routes & Materials”**, Boonslick Industries, Inc.; *This grant will allow the Boonslick Industries to purchase a larger compactor truck that will allow them to collect more recyclables in fewer trips.* Grant \$70,000; Match \$48,403.48; Total Cost \$118,403.48 \*

**“Putting the Cart Before the House”**, City of Fulton; *This grant will allow the City of Fulton to purchase 600, 90-gallon roll carts to launch their curbside recycling pilot project.* Grant \$30,000; Match \$10,000; Total Cost \$40,000 \*

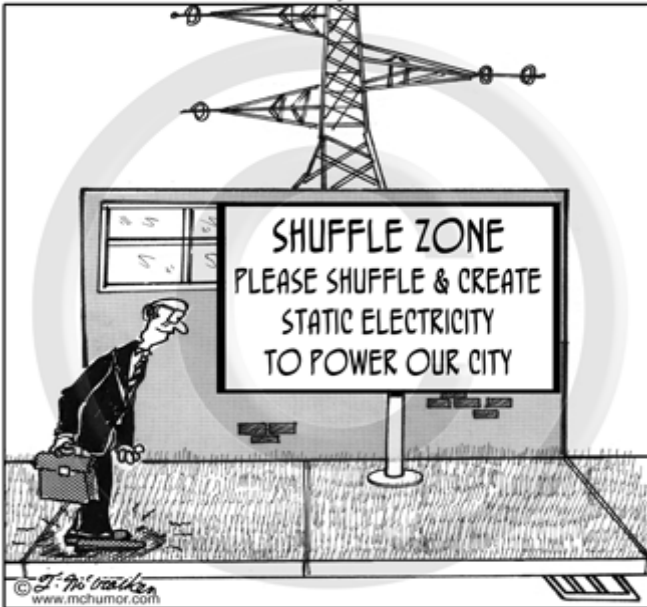
**“Urban Forestry Tree Waste Recycling Program”**, City of Jefferson Parks & Rec; *This grant will allow the City of Jefferson Parks and Rec Department to purchase a new, updated chipper to enable them to efficiently process more tree waste.* Grant \$32,000; Match \$43,335; Total Cost \$75,335 \*

**“Mobile Glass Processing Unit”**, EcoPave, LLC; *This grant will allow EcoPave to construct a mobile glass unit to collect and process discarded glass into an eco-friendly paving, decorative product.* Grant \$50,000; Match \$172,683; Total Cost \$222,683 \*

**“E-Scrap Service Expansion & Revenue Diversification Project”**, Mid-West Recycling Center; *This grant will allow MRC to develop an educational program to inform and teach Region H communities about white goods recycling.* Grant \$35,200; Match \$10,000; Total Cost \$45,200 \*

\* Pending MDNR Approval

**MCHUMOR.com** by T. McCracken



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## Recycled Art



Bonsai tree made from used, unwanted clothing.

Artist: Guerra De La Paz

Mid-Missouri Solid Waste Management District—Region H

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