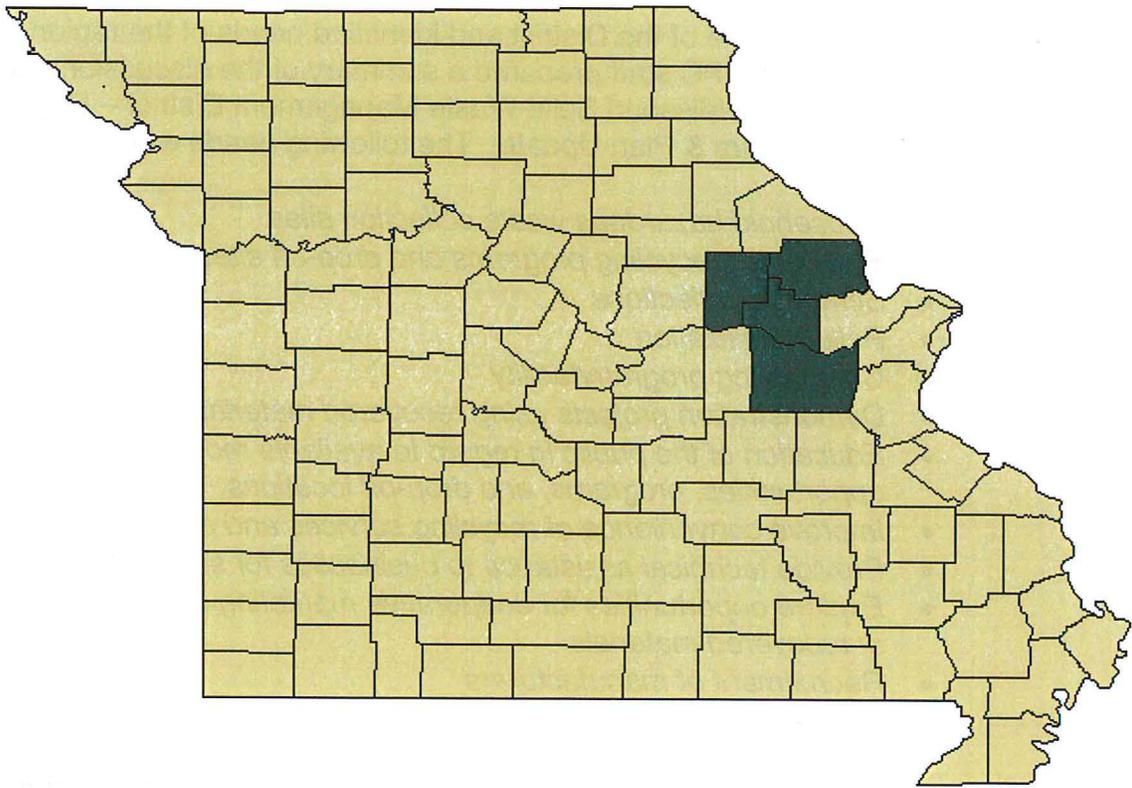


East Central Missouri Solid Waste Management District Region I



Annual Report

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SWMP OPERATIONS

SOLID WASTE MANAGEMENT DISTRICT ANNUAL REPORT

1. **Region Identification:** I
2. **District Name:** East Central Missouri Solid Waste Management District
3. **Fiscal Year Period:** July 1, 2011 to June 30, 2012

Goals and Accomplishments

The East Central Missouri Solid Waste Management District Executive Board and its advisory council met in August 2010 for a planning session. Those present discussed the role of the District and identified needs of the region and investment priorities. BRPC staff prepared a summary of the discussion and created the East Central Missouri Solid Waste Management District – Region I 2010/2011 Work Program & Plan Update. The following needs were identified:

- *Household hazardous waste collection sites*
- *Electronics recycling programs and drop-off sites*
- *Scrap tire collections*
- *Pallet reutilization*
- *Composting program/facility*
- *Demonstration projects using recovered materials*
- *Education of the public in regard to available recycling opportunities, programs, and drop-off locations*
- *Improve convenience of recycling services and programs*
- *Provide technical assistance to businesses for scrap utilization*
- *Explore opportunities for cooperative marketing and transportation of recovered materials*
- *Recruitment of manufacturers*
- *Waste to energy*

Working to address these identified needs as funds allow are the goals of the District. At a 2012 meeting, board members expressed the desire to keep this plan as a “living” document, making changes when deemed necessary.

4 (a). What waste reduction goals did the district have for the most recently completed fiscal year and what actions did the district take to achieve these goals?

The Region I District has been making a concerted effort to reduce waste going to landfills. The establishment of the East Central Missouri Recycling Center in 2010 was a major undertaking for the District and has had a significant impact.

Because question 5 is specific to recycling, information about much of the District's work for the most recently completed fiscal year will be cited there.

4(b). What waste reduction goals does the district have for the upcoming fiscal year? What actions are planned to achieve these goals? Include the types of grant proposals that have been identified to assist in meeting these goals.

While the District has made significant progress in reducing waste through recycling, another identified need includes composting. Board members have discussed the desire to begin with providing information to residents about composting and try to first address the need at the local/residential level. The board expressed the possibility of inviting a guest speaker. At the time this report is being prepared, steps have already been taken to do so. A horticulture specialist from the University of Missouri Extension program is scheduled to make a presentation at the upcoming Region I Annual Meeting.

Other identified needs include the recruitment of remanufacturers and waste to energy. The District has established a category for market development & innovation in its grant application. Any proposal which would address an identified need is welcomed and will be considered as funding allows.

5(a). What recycling goals did the district have for the most recently completed fiscal year and what actions did the district take to achieve these goals?

As mentioned, the Region I District has made great efforts to provide and improve recycling opportunities, establishing the East Central Missouri Recycling Center in April of 2010. The recycling center serves the four counties of the region as a drop-off facility. The District applied for and received a grant for continued operation of the center. The recycling center has made it possible to address many of the needs identified in the District including the following:

- Electronics recycling

Residents are able to drop off electronics any time during hours of operation. The service is free with the exception of television sets and computer monitors. Initially a \$15.00 fee was charged for these items, but was recently lowered to \$10.00. Residents continue to take advantage of this service and seem happy they have a place to take the items for proper disposal. Having electronics recycling available in this manner also makes it much more convenient for people as they do not have to wait for a particular event.

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- Scrap tire collections

In the spring of 2012, after consulting with the DNR Scrap Tire Unit, the East Central Missouri Recycling Center began accepting tires from residents. Tires are not accepted from businesses. A \$2.00 fee is charged for passenger car/truck tires. \$5.00 is charged for large tires (such as semi truck) and the fee for tractor tires is \$1.50 times the rim size.

- Pallet reutilization

The Recycling Center accepts wooden pallets for reuse.

- Education of the public in regard to available recycling opportunities

Boonslick Regional Planning Commission keeps its website updated with information about the East Central Missouri Recycling Center, including all items accepted. In addition, the website contains information about the District in general with links to informative sites for teachers, students and patrons interested in recycling. If there is a special opportunity or collection in the District (such as the tire collections that were held), those events are advertised on the site as well.

In April 2011, the District used the “Every Door Direct” mailing service offered through the post office. Staff worked to have a mailer designed which included information about what items are accepted at the recycling center. These were sent to each residence and business in Warren County. Due to cost, only one county was selected at this time. The approach proved to be very effective with many new customers visiting the recycling center. Staff received numerous calls from patrons who had not known about the recycling center until receiving the mailer.

The District also uses local media outlets to provide information about recycling opportunities. Public service announcements were sent to newspapers to inform patrons about the tire collections. Information about the East Central Missouri Recycling Center is published in the Warrenton Area Chamber of Commerce Community Guide. In addition, information is sent to the Chamber which is emailed to all members.

- Improve convenience of recycling services & programs

The recycling center hours of operation have been expanded. The facility is now open an additional day (Tuesday) each week. The recycling center manager has established routes to pick up recyclables (particularly cardboard) at area businesses. He has added an additional day for this route.

In an effort to provide recycling opportunities for communities that might not have a program in place, the District applied for and received a grant to purchase a recycling trailer which can be used throughout the District. Thus far, the Village of Innsbrook is taking advantage of this opportunity. The trailer is placed at the Village office at certain times during the month and material collected is then brought to the East Central Missouri Recycling Center. The trailer is also available for community events. It was used at the Warrenton Area Chamber of Commerce Home & Garden Show and at a Relay for Life event.

The East Central Missouri Solid Waste Management District took an additional step to increase recycling. The District applied for and received a grant from the Coca-Cola Bin Grant Program. Through its partnership with Keep America Beautiful, the Coca-Cola Bin Grant Program supports local community recycling efforts across the United States. The District received 60 bins and will be placing them in city/county offices and schools. Information about recycling (including the District's recycling center) will be given out when the bins are placed.

5(b). What recycling goals does the district have for the upcoming fiscal year? What actions does the district plan to take to achieve these goals? Include the types of grant proposals that have been identified to assist in meeting these goals.

The District plans to continue operation of the Recycling Center. It is a project which has had a major impact and serves the entire region. A grant was written and has been approved by DNR for the upcoming fiscal year.

The District will continue to try to make recycling more convenient and accessible through use of its recycling trailer. Communities will be reminded of its availability and BRPC staff will contact those who are in charge of local events to see if they would like to use it.

BRPC staff will place all bins provided by the Coca-Cola Bin grant and monitor the amount of material collected for one year.

In its grant application, the District has a category for Education. Grants are available for providing education about reduction, reuse and recycling activities. The maximum funding request is \$10,000.00 and no match is required. Grant notices are sent to each school district in Region I. The District has made attempts to make education a priority. There is also a category for projects that provide basic recycling services and one for projects that demonstrate the reuse of recovered and recycled materials.

6(a). What resource recovery goals did the district have for the most recently completed fiscal year and what actions did the district take to achieve these goals?

One of the needs identified in the District was the issue of scrap tires. The District worked with the Missouri Department of Natural Resources Scrap Tire Unit to schedule waste tire collections for two of its counties had not had collections in the previous fiscal year. Tire collections were held in Montgomery and Lincoln counties in the fall of 2011. Both collections were extremely successful, resulting in the collection of thousands of tires.

6(b). What resource recovery goals does the district have for the upcoming fiscal year and what actions does the district plan to take to achieve these goals? Include the types of grant proposals that have been identified to assist in meeting these goals.

As mentioned, the District consulted with the DNR Scrap Tire Unit and began accepting tires at its recycling center. This program is available only to individuals; tires are not accepted from businesses. The District plans to continue providing this opportunity.

One of the grant categories the District has in its application is Market Development & Innovation: Projects that explore creative methods for reducing waste, recovering materials or creating new re-uses.

7(a). List all projects open during the most recently completed fiscal year. (Note: This includes projects that may have closed during the year.)

Project Number	Name of Project Resulting in Tonnage Diversion From Landfill	Cost of Project	Number of Tons Diverted	Average Cost Per Ton Diverted
I2012-02	Recycling Center Operations	\$68,000.00	210.45	\$323.12
I2012-03	District Recycling Trailer	\$7,000.00	0.37	\$18,919.92
I2012-04	City of Union Recycling Trailer	\$16,200.00	0.00	Sent out for bids

7(b). Were there any other measurable outcomes achieved by the above listed projects? List project number, type of other measurable outcomes and quantity.

Project Number	Outcome Measure	Unit of Measure (Quantity)	Cost of Project	Average Cost Per Unit of Measure
I2012-02	Recycling Center Operations	One job to be retained	\$68,000.00	

8. Summarize projects that did not result in tonnage diversion.

All projects resulted in diversion. (Note: Project I2012-04 City of Union Recycling Trailer shows no diversion as of yet because the trailer was not yet in place at the time this report covers)

9. Identify separately projects that managed items banned from landfills.

Project # I2012-02 Recycling Center Operations

*This project - listed in question 7(a) and 7(b) - also resulted in the diversion of items banned from the landfill. The specific items and tons diverted are listed below..

Lead acid batteries: 0.22 tons
 Waste oil: 5.04 tons
 White goods: 9.73 tons
Total: 14.99 tons

10. Summarize the types of projects and results during the four fiscal years preceding the most recently completed fiscal year.

Project Number	Name of Project Resulting in Tonnage Diversion from Landfill	Cost of Project	Number of Tons Diverted	Average Cost Per Ton Diverted
I2010-01	City of Warrenton Playground Improvement	19,701.17	70	281.45
I2010-03	Region I Recycling Center	275,500.00	186.45	1,477.61
I2009-10	Lincoln County Meyer Road Shingle Project	25,000.00	153	163.40
I2009-09	City of Washington HHW Collection	25,000.00	17.24	1,450.12
I2009-08	Warren Co. Extension Electronics Recycling	1,181.00	2.5	472.40
I2009-07	Kingdom Projects Dumpsters & Roll off Containers	5,093.00	230.56	22.09
I2009-06	Hawk Point Elem. PTO Recycled Playground Equip.	21,429.00	42	510.21
I2009-05	City of St. Clair Downtown Enhancement	8,841.00	0.85	10,401.18
I2009-04	Elsberry R-2 Glassphalt Project	25,000.00	1	25,000.00
I2009-03	Montgomery County Tire & Battery Collection	11,013.20	78.23	140.78
I2009-02	Lincoln County Tire & Battery Collection	8,779.48	60.58	144.92
I2009-01	Lincoln Co. Minnemeyer Rd. Glassphalt Project	25,000.00	150.59	166.01
I2008-03	City of Union Chipper Purchase	15,000.00	53.25	281.69
I2008-02	Beaufort Feed & Express, Inc. Cardboard Baler	15,000.00	429.23	34.95

11. Describe your district's grant proposal evaluation process.

The District Executive Board is responsible for reviewing and approving grant requests. Applications are scored and require a minimum rating of 65 to be considered for funding. The Advisory Committee, though not voting, provides input. Should any member have a conflict of interest in regard to a submitted proposal, he/she excuses themselves from the process.

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The District instituted a quarterly grant call procedure to give those interested in proposing a project for consideration more than just one chance during the fiscal year to submit an application. Priorities have been to fund the following types of projects:

Education: Projects that provide education about reduction, reuse and recycling activities.

Recycling/Waste Reduction: Projects that provide basic recycling services.

Demonstration Projects: Projects that demonstrate the reuse of recovered and recycled materials.

Market Development & Innovation: Projects that explore creative methods for reducing waste, recovering materials or creating new re-uses.

Banned Items Collection: Projects that collect items banned from the landfill which can be reused.

12. Board and Council Members

East Central Missouri Solid Waste Management District Executive Board				
County	Name / Office	Address	Phone / Fax / Email	Rep of:
Franklin	Stephanie Hulseay Secretary	Emergency Management 401 E. Springfield Ave. Union, MO 63084	P: 636.583.1679 F: 636.583.4146 shulseay@franklinmo.net	County
Lincoln	Jim Mayes Vice Chairman	Lincoln County 201 Main Street Troy, MO 63379	P: 636.528.6300 F: 636.528.5528 chall@lcclerk.com	County
Montgomery	Lon Little Chairman	Kingdom Projects 2611 N. Business Hwy 54 Fulton, MO 65251	P: 573.642.7333 ext. 203 F: 573.642.6699 little@kingdomprojects.org	Sheltered Workshop
Warren	Fred Vahle Treasurer	711 E. Booneslick Warrenton, MO 63383	P: 636.456.3629 (Work) fmwarco@centurytel.net	Public

East Central Missouri Solid Waste Management District Advisory Committee				
County	Name	Address	Phone / Fax / Email	Rep of:
Franklin	Pam Gildehaus	City of Washington 405 Jefferson St. Washington, MO 63090	P: 636.390.1032 F: pgildehaus@ci.washington.mo.us	City and a Recycling Center
Lincoln	Roger Nekula	Bodine Aluminum 100 Cherry Blossom Way Troy, MO 63379	P: 636.462.1049 F: rogernekula@tema.toyota.com	Producer
Montgomery	Dean Larkin	University of Missouri Extension 301 Salisbury Street Montgomery City, MO 63361	P: 573.564.3733 F: larkinl@missouri.edu	Public
Warren	Vickie Vohsen	Wilson Waste Systems 1730 Daniel Boone Industrial Park Warrenton, MO 63383	P: 636.456.1836 F: fmwarco@centurytel.net	Waste Industry