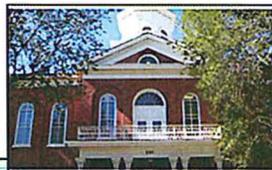


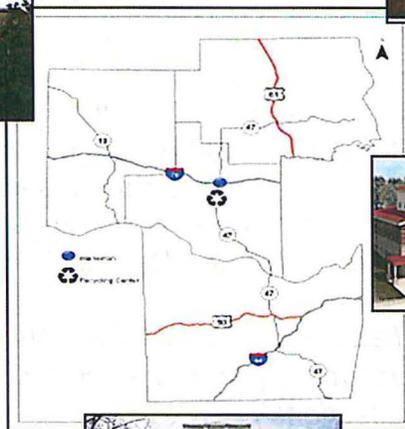
East Central Missouri Solid Waste Management District Region I



Montgomery County



Lincoln County



Warren County



Franklin County



Annual Report

RECEIVED BY
NOV 04 2013
SW... ..ONS

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, 2012 to June 30, 2013

Goals and Accomplishments

In 2010 the East Central Missouri Solid Waste Management District Executive Board and its advisory council met and identified needs within the region. This planning session resulted in the creation of the East Central Missouri Solid Waste Management District – Region I 2010/2011 Work Program & Plan Update. The District's goals were to work on addressing these needs as funding would allow. In August 2012, the board and advisory council reviewed the existing plan and expressed the desire to keep it as a "living" document, making changes when deemed necessary. Identified needs included the following:

- *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*

RECEIVED BY
NOV 04 2013
SWMP OPERATIONS

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 works to reduce waste going to landfills and, in 2010, established the East Central Missouri Recycling Center. The recycling center serves all four counties in the region and has been very successful at diverting a variety of items from the solid waste stream. Because question 5 of this report is specific to recycling, information about the recycling center 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.

The District has made significant progress in reducing waste through recycling. Another identified need in the region deals with organic waste. Board members had discussed the idea of establishing a composting facility or implementing a program. They decided that it would be most practical to begin addressing the need at the local/residential level. A horticulture specialist from the University of Missouri Extension program made a presentation at the November 13, 2012 annual meeting for the District. The presentation was titled "Compost, End to Beginning". It included information about the benefits of compost, the components, dos and don'ts, and methods homeowners could use to create compost on their own with very common ingredients. The presenter answered questions from those in attendance and provided helpful links to sites with more information about composting. The presentation was made available on the District's website.

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?

The District has made great efforts to provide and improve recycling opportunities within the region. The East Central Missouri Recycling Center was established in 2010 and serves the four counties within the region. 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. A fee of \$10.00 is charged for these items. Residents

continue to take advantage of this opportunity and express thanks that they have a place to take the items for proper disposal. Having electronics recycling available in this manner makes it much more convenient for people as they do not have to wait for a particular event.

The recycling center collaborated with the City of Washington on a curbside collection the City offered in the spring of 2012. Eighty televisions were collected and brought to the recycling center.

- Scrap tires

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.

Scrap tires continue to be an issue for residents of the region. The District had previously worked with the DNR Scrap Tire Unit to arrange collections in each of its four counties. The District has attempted to set up other collections, but there has not been a date available. Staff will continue to pursue this possibility; however, accepting tires at the recycling center has provided an opportunity for residents to bring tires that may have been dumped on their property.

- Pallet reutilization

The Recycling Center accepts wooden pallets for reuse.

- Education of the public in regard to available recycling opportunities

The East Central Missouri Recycling Center provides opportunities for the District to educate the public in regard to available recycling opportunities. Boonslick Regional Planning Commission, which operates the facility, keeps its website updated with information about the 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, those events are advertised on the site as well.

The center offered free Christmas tree recycling this year (2012). Staff put public service announcements in local papers informing residents about the opportunity and educational information about how Americans throw

RECEIVED BY

NOV 04 2013

SWMP OPERATIONS

away 25% more trash from the Thanksgiving to New Year's period than other times of the year. Readers were encouraged to remember to recycle Christmas lights, paper, boxes, etc. and given general information about the center and hours of operation.

Information about the East Central Missouri Recycling Center is published in the Warrenton Area Chamber of Commerce Community Guide.

- Improve convenience of recycling services & programs

The recycling center hours of operation have been expanded since opening. 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, one village in the region 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.

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 placed them in city/county offices and schools. Information about recycling (including the District's recycling center) was 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 Executive Board and Advisory Council have indicated that they would like to see the operation of the East Central Missouri Recycling Center remain a priority. Members feel it is a project which has had a major impact and serves the entire region. A grant for operations was written and has been approved by DNR.

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.

In its grant application, the District has a category for Education. Grants are available for providing education about reduction, reuse and recycling activities. 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.

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?

As mentioned, a priority for the District is the operation of the East Central Recycling Center which collects a variety of items for reuse. Hours of operation have been expanded and staff will continue to explore opportunities for resource recovery.

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.

Continued operation of the recycling center will remain a priority. Staff will explore opportunities for resource recovery.

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
I2013-003	City of Elsberry Page Branch Park	\$19,769.25		
I2013-002	Recycling Center Operations	\$68,000.00	232.70	\$292.22
I2012-03	District Recycling Trailer	\$7,000.00	0.37	\$18,919.92
I2012-04	City of Union Recycling Trailer	\$16,200.00	6.17	\$2625.61

RECEIVED BY

NOV 04 2013

SWMP OPERATIONS

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	Jobs Retained
I2013-002	Recycling Center Operations	1.5 jobs to be retained	\$68,000.00	1.5

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

All projects resulted in diversion.

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

Project # I2013-002 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: 0.15 tons
 Waste oil: 3.75 tons
 White goods: 3.82 tons
 Tires: 6.64 tons
Total: 14.36 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
I2012-02	Recycling Center Operations	\$68,000.00	210.45	323.12
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.

In the past several years the District had accepted applications quarterly. Board members changed this approach and grant applications are now accepted once a year. Priorities are 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.

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 Hulsey Vice Chairman	Emergency Management 401 E. Springfield Ave. Union, MO 63084	P: 636.583.1679 F: 636.583.4146 shulsey@franklinmo.net	County
Lincoln	Matt Bass Secretary	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: 636.456-7931 fvahle@centurylink.net	Public

RECEIVED BY

NOV 04 2013

SWMP OPERATIONS

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: Vickie_vohsen@wilsonwastesystems.com	Waste Industry