



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
SOLID WASTE MANAGEMENT PROGRAM
SOLID WASTE MANAGEMENT DISTRICT ANNUAL REPORT

1. SOLID WASTE MANAGEMENT DISTRICT

Region P - The South Central SWMD

2. FISCAL YEAR PERIOD:

FROM JULY 1, 2008 TO JUNE 30, 2009

GOALS AND ACCOMPLISHMENTS

3 (a). What waste goals did the district have for the fiscal year period and what actions did the district take to achieve these goals?

See additional information pages

3 (b). What waste goals does the district have for the upcoming fiscal period and what actions does the district plan to take to achieve these goals. Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

See Additional Information pages

4 (a). What recycling goals did the district have for the fiscal year period and what actions did the district take to achieve these goals?

1. See additional information pages

2. See additional information pages

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SWMP OPERATIONS

4 (b). What recycling goals does the district have for the upcoming fiscal year period and what actions does the district plan to take to achieve these goals? Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

See additional information pages

5 (a). What resource recovery goals did the district have for the fiscal year period and what actions did the district take to achieve these goals?

See additional information pages

5 (b). What resource recovery goals does the district have for the upcoming fiscal year period and what actions does the district plan to take to achieve these goals? Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

See additional information pages

6. SUMMARIZE THE TYPES OF PROJECTS AND RESULTS DURING FISCAL YEAR (ADDITIONAL SHEETS MAY BE ATTACHED IF NEEDED.)

Name of Project Resulting in Tonnage Diversions from Landfills.	Cost of Project.	Number of Tons Diverted.	Average Cost Per Ton Diverted.
2006-6 - SCCC continued next page	\$30,000.00	10	\$3,000

2008-3- HHW Collections	\$30,324.44	50	\$606
2008-4 - Electronics Collections	\$30,079.76	100	\$300
2008-7 - SCCC	\$25,000.00	10	\$2,500
2008-9 W.P. Glass Pulverizer	\$54,000.00	200	\$270***
2008-10 -clothing baler	\$19575.00	20	\$979***
2008-12 - Do Co, glass Pulverizer	\$14,550.00	16	\$1,000 ***
2008-13 - Shannon County Recyc	\$9,600	13	\$738
2008-15 - food pantry - baler	\$15,000.00	21	\$714***
2008-16- Texas County Recycl	16,360.00	120	\$200
2009-3 - HHW collections	\$22,849.93 to date	40	\$575
2009-4 - electronics collections	\$23927.80 to date	120	\$200
2009-9 - Shannon County Recycling Program	n/a	13	
*** = these cost will decrease			

Measurable outcomes achieved.

See additional information pages

MO 760-1989 (06-08)

7. SUMMARIZE PROJECTS NOT RESULTING IN TONNAGE DIVERSION	
Projects not resulting in tonnage diversions from landfills.	Cost of Project
2008-1 District Operations	85000
2008-2 - Technical Assicatanee	50000
2008-8 Ozark County wages	14560
2008-11 Do Co,wages	14560
2008-14 Ozark County Baler	14229.13
2009-1 District Operations	45425.72.11 to date
2009-2 - Technical Assistance	35221.65 to date
2009-7 - Ozark County wages	4760 to date
2009-8 - Douglas County wages	2240 to date
2009-10 - OCRA recycling vehicle	22852

Measurable outcomes achieved for these projects.

See Additional information pages

8. IDENTIFY SEPARATE STATISTICS FOR ITEMS BANNED FROM LANDFILLS

List projects resulting in tonnage diversions from landfills.	List cost of project resulting in tonnage diversion.	Number of tons diverted from project.	Average cost per ton diverted.
2008-5 - Scrap Tire Amnesty Days	\$32,635.00	151T	\$216
2009-5 Scrap tire Amnesty Days	\$23,700 to Oct 2009	158T	\$150
See additional information pages			

9. IDENTIFY SEPARATE STATISTICS FOR ITEMS NOT BANNED FROM LANDFILLS

List projects resulting in tonnage diversions from landfills.	List cost of project resulting in tonnage diversion.	Number of tons diverted from project.	Average cost per ton diverted.
2008-6 illegal dumping	25,000	n/a	n/a
2008-17 wood chipper - City of Gainesville	24,000	10,000	2.40
2009-6 - illegal dumping	25000	n/a	n/a

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

See Additional Information pages

MO 780-1989 (06-08)

BOARD AND COUNCIL MEMBERS

<input type="checkbox"/> Board Member <input type="checkbox"/> Council Member Name: SEE ADDITIONAL INFORMATION SHEETS	Address:		
Representative of: <input type="checkbox"/> County <input type="checkbox"/> Public	City:	State:	ZIP:

10. Describe your district's grant proposal evaluation process.
See Additional Information pages

MO 780-1989 (06-08)

BOARD AND COUNCIL MEMBERS

<input type="checkbox"/> Board Member <input type="checkbox"/> Council Member Name:		Address:		
Representative of: <input type="checkbox"/> County <input type="checkbox"/> Public <input type="checkbox"/> City <input type="checkbox"/> Other _____		City:	State:	ZIP:
		Phone:	Fax:	
Officer: <input type="checkbox"/> Chair <input type="checkbox"/> Vice-Chair <input type="checkbox"/> Secretary <input type="checkbox"/> Treasurer <input type="checkbox"/> Other _____		E-mail:		
Official Title:		Comments:		

<input type="checkbox"/> Board Member <input type="checkbox"/> Council Member Name:		Address:		
Representative of: <input type="checkbox"/> County <input type="checkbox"/> Public <input type="checkbox"/> City <input type="checkbox"/> Other _____		City:	State:	ZIP:
		Phone:	Fax:	

Annual Report for the South Central Solid Waste Management District for FY 2009 from July 1, 2008 to June 30, 2009

1. District Name: **South Central Solid Waste Management District - REGION P**
2. Fiscal Year Period: **From July 1, (2008) to June 30, (2009).**
3. The District Full Council includes the Executive Board, Representatives from the member cities and counties and the Advisory Board. Full Council meetings serve a planning sessions and information sharing workshops with the advisory board. The Full Council of the South Central Solid Waste Management District met on February 28, 2008 to start the planning process for FY 2009. At the meeting the Guidelines for FY 2009 District Grants and the District goals for FY 2009 were set.

For Questions 3a, 4a, and 5a:

FY 2009 GOALS for Waste, Recycling and Resource Recovery:

1. It was decided that for FY 2009 the District Grant Program Criteria will stay the same as in FY2008.
 2. Many of the current recycling programs will face financial problems in the coming year due to increased fuel costs. The District will continue to support the recycling programs that are operating in the district. We will provide funds for equipment and operations including wages for employees.
 3. **The Solid Waste Law allows for Counties of the District to contract with the District for Solid Waste Services. We may have to discuss this at length with DNR. The District will apply for grants on behalf of the seven counties of the District for: Illegal Dumping, HHW collections, Electronics collections which will include collecting and recycling/disposing of computers from businesses, public entities and schools, .and scrap tire amnesty days- which will be applied for at the same funding level as FY 2008.**
 4. **For FY 2009 The District will use grant funds to help sub-grantees with projects. Priority will be given to projects as follows:**
 1. Collection/Processing - equipment
Collection/Processing - operation
 2. Household Hazardous Waste
 3. Illegal Dumping
 4. Electronics Collections
 5. Compost Equipment
 6. Waste Reduction Education
 7. Market Development
- The District will accept grant applications on a quarterly basis. This will encourage better projects. Each complete grant application will be evaluated in the calendar quarter in which it is submitted.
 - There will be a \$30,000 limit on the amount of grant funds available for any one project of a city, or county.
 - A city or county project can receive a maximum of \$30,000 in a one year time frame. An entity can request a two (2) year grant timeline with the required special pre- approval from the Executive Board.

- Collection/Processing: operating costs requested for labor/wages will remain the same as in past years. The District will pay up to a maximum of \$7/hour up to 2080 hours /year - \$14,560. Any entity requesting help with labor costs will have to pay all other employee costs.
- No match will be required for grant projects. No extra points will be given to applicants that provide match.
- There will be a minimum amount of points a grant application must get before it will qualify for funding. The minimum is 100 for FY 2009.

Questions 3b, 4b, and 5b:

FY 2010 GOALS for Waste, Recycling and Resource Recovery

The Full Council {the Executive Board, Representatives from the member cities and counties and the Advisory Board} of the South Central Solid Waste Management District met June 18, 2009 and approved an official policy for District Grants. A copy of the policy is included with this report.

FY 2010 GOALS:

The main goal for FY 2010 is to do what we can to maintain the status quo for recycling and waste reduction in the District.

1. The start of the FY 2010 Grant cycle was set as July 1, 2009
2. It was decided that for FY2010 the District Grant Program Criteria will stay the same as in FY2009. A copy of the FY 2010 grant criteria is included with this report.
3. The District will continue to support the publicly owned recycling programs that are operating in the district. These programs include: In Douglas County- Do Co, Inc.; In Howell County - City of Mountain View Recycling Program, The City of West Plains Recycling Program and the City of Willow Springs Recycling Program; In Oregon County- Oregon County Recycling Program (OCRA); In Ozark County – the Ozark County recycling program; In Shannon County – The Shannon County Recycling Program which is managed through the District; and In Texas County - The Texas County Recycling Program which is managed through the District. These programs will get 20 priority points on grant applications.
4. We will provide funds for equipment and operations – including wages for workers.
5. The District will apply for grants on behalf of the seven counties of the District for: HHW collections, Electronics collections which will include a program for collecting and recycling/disposing of computers from several businesses such as banks and school, Scrap tire amnesty days, and the Illegal Dumping program. Grants for these programs will be applied for at the same funding level as FY2009.
6. There is still a problem with disposal of “White Goods” – used appliances- because of the presence of Freon. Technical Assistance funds will be used to train people to remove Freon from old appliances. Technical Assistance funds will be used to purchase Freon 34 removal equipment.

2008-9 Glass Pulverizer for the City of West Plains Recycling Center \$54,000 – This machine was purchased and set up in July 2008. It was expected to process about 50 Tons of glass per year but that amount has more than doubled. The glass is used by the street department in their hot mix. The machine cuts down on the labor needed to process glass and provides aggregate to the street department. The center processed 41 Tons of mixed glass in 2008. The amount for the first three quarters of 2009 has already exceeded 160 tons. The cost per ton for this project decreases each year. For FY 2009 the cost per ton is approximately was \$270 per ton.

2008-10 Oregon County Sheltered Workshop – baler and paper shredder – \$19, 579.00
The workshop set up the clothing collection program. They got enough clothing to open a thrift shop. They have baled about 20 tons of clothing to sell. The paper shredder was set up in the back room of the thrift shop. The workers shred books and document. All of the shred are recycled through the Oregon County Recycling program. The cost per ton for this project will decrease each year. For FY2009 the cost per ton is approximately was \$979.00 per ton.

2008-12- Do Co, Inc. glass pulverizer \$ 14,550.00 – The manager at the workshop had to do many retro-fits to get this machine to processes glass in an effective manner. It is labor intensive. The workshop has had some financial problems. The workshop had to start charging to take glass from residents as a way to generate revenue. They have processed about 16 tons of glass in one year. This is only 1/10 of what they anticipated. For FY2009 the cost per ton is actually over \$1,000.00 but, the cost per ton for this project will decrease over the life of the machine.

2008-13 Shannon County Recycling Program – \$9,600 wages and expenses for the program.
The Shannon County recycling program has been in operation since 1995. Sometimes it can support itself with funds from the county, bag sales, and user fees. Other times it needs help from the district to keep going. During this grant period, the funds from the county and bag sales allowed a 1-year program to keep going for over a year and a half. During that time bag sales increased and more users started on the program. The county recycling program brings in a large amount of materials to the Mountain View Center. The county does not receive any revenue from the sale of materials. We consider it a success because it makes recycling available for many people throughout Shannon County. Approximately 13 Tons of recycling was collected from Shannon County. The materials were counted with the amounts from the Mountain View Recycling Center. A cost of \$738 per ton is estimated for this program.

2008-15 Baler for the Texas County food Pantry - This project was funded for \$15,000.00. A baler was purchased to bale unsalable used clothing and shoes that were donated to the pantry. The grant also paid for the extension of electric wiring that was needed to power the new baler. And part of the cost for a forklift to move the bales. The food pantry baled and sold 21 tons of textiles in FY 2009. The cost per ton for the first year of operation is \$ 714.00 but this cost will decrease each year.

2008-16 Texas County Recycling Program – wages, fuel and expenses funded at \$16,360.00
This program has collected about 120 tons of cardboard from the businesses in the cities of Houston and Licking. This grant pays the expenses of this new program. It is estimated that the program will be sustainable within 2 years. Currently all materials are taken to the South Central Correctional Center in Licking for processing. It is hope that this program will expand and soon include a recycling center in Texas County.

2009-3 HHW Collections - \$30,000.00 ~ 40 T of waste were disposed of as hazardous waste to date.

The program was funded for \$30,000.00 for 2009. In the Spring of 2009, 11 Collections were held. The collection schedule is included. The participation rate is up slightly for 2009 – 870 households attended the spring collections, or about 1.9% of the households in the district. Three more collections are scheduled for the Fall of 2009. Approximately \$23,000 has been spent. This put the per household cost at \$26 and the cost per ton at \$575.

2009-4 - Electronics Collections- Approximately 120 T of materials has been collected to date We do not weigh the materials. The 2009 program is funded for \$30,000.00 – Approximately \$24,000.00 has been spent. For the 2009 collection program bids were requested for collection and disposal. The district can do the collections with paid workers much cheaper than by hiring any of the companies who submitted bids. The electronics collections and the HHW collections are held at the same time and place. We pay to dispose of bad monitors. A new company opened in Birch Tree, one of our member cities, and we use this facility for disposal for all of the collections that are closer to Birch Tree. We still use Computer Recycling Center in Springfield for collections that are closer to Springfield. In the spring of 2009, the district held 11 collections for electronics. 590 households participated in the spring collections an increase over all of 2008. Computer disposal was provided to 2 banks, 4 courthouses/city halls, at least 12 businesses and 6 schools. The cost per ton for electronics collections so far for 2009 is \$200.00. The cost per household is \$39.

2009-9 - Shannon County recycling Program - \$11,800 The Shannon County recycling program has been in operation since 1995. Sometimes it can support itself with funds from the county, bag sales, and user fees. Other times it needs help from the district to keep going. The 2009 grant program has just started as of June 30, 2009.

7. Projects not Resulting in tonnage Diversion:

2008-1 District Operations funded at \$85,000

2009-1 District Operations funded at \$82,217

2008-2: District Plan Implementation – Technical Assistance funded at \$50,000

2009-2: District Plan Implementation – Technical Assistance funded at \$50,000

2008-8 – Wages for a worker at the Ozark County Recycling Center -\$14,560.00

The District pays the first \$7 for a worker at the Center. The County is in financial trouble and needs help with paying the expenses of having a recycling center in the county. The district grant to help pay wages paid at the center allows the county to keep the center open and fully staffed. The center processes about 500 tons of materials for recycling each year.

2008-11 Do Co, Inc. Wages for a worker for up to 1 year funded for \$14,560.00. The District grant pays up to \$7.00 per hour of the wages of a worker at the center. The center needs help with paying the wages of a full time person to do the recycling program. The district has been helping with wages at the center for several years. The center processes about 350 Tons of materials each year. This project provide labor for the processing but not direct tonnage diversion.

2008-14 Ozark County Baler - This project was funded for \$14,229.13. A new Cram-a-lot baler was purchased. The grant also paid for the extension of electric wiring that was needed to power the new baler. The OCRA center processes about 500 tons of materials each year. There was no direct increase in tonnage diverted from landfills as a result of this project. It did make processing much easier for the workers at the center.

2009-8 Do Co, Inc. Wages for a worker for up to 1 year The District grant pays up to \$7.00 per hour of the wages of a worker at the center for a total of **\$14,560.00**. The center needs help with paying the wages of a full time person to do the recycling program. The district has been helping with wages at the center for several years. The center processes about 350 Tons of materials each year. This project provide labor for the processing but not direct tonnage diversion.

2009-10 New Recycling Vehicle for the OCRA Center - \$25,000.00

The OCRA center processes about 500 tons of materials each year. There was no direct increase in tonnage diverted from landfills as a result of this project. It did make curbside collections much easier for the workers at the center.

8. Projects for items Banned from Landfills

2008-5 Waste Tire Amnesty Days -- approximately 15,076 tire equivalents were collected weighing about 151T. Waste Tire Amnesty Days were funded at \$32,000 for 2008, another \$638.00 of interest was used to complete the project. This is about **\$216 /Ton**. A list of the collections and costs is included. The cost for tire collections increased due to the rising cost of fuel.

2009-5 Waste Tire Amnesty Days -- \$32,000.00. Approximately 15,800 tires were collected by the end of FY 2009, weighing about 158T. Waste Tire Amnesty Days were funded at \$32,000 for 2009, approximately \$23,000 has been spent by the end of FY 2009. A list of the collections and costs is included. The project is still open. When all of tire amnesties have taken place a cost per ton can be calculated. We have a new hauler for FY2009 and beyond. The cost per tire went down.

9. Items not banned from landfill

2008-6 Illegal Dumping and 2009-6 Illegal Dumping - In an effort to reduce illegal dumping the district held several rural collections for bulky rubbish. The District also helped cities with the cost of special cleanup if the city allowed rural residents to bring wastes into the city collection. This program actually increased the amount of waste that is taken to the landfill, but, it keeps it out of the woodland, ditches and waterways. Each year for the last several the district has funded the identification and clean up of illegal dumpsite at \$25,000.00

2008-17 Wood Chipper for the City of Gainesville- This project was funded for \$24,000.00.

There was a tornado that went through the area just days after the machine arrive. It has worked many hours of wind storm damage and ice storm damage since then. Approximately 10,000 tons of wood waste has been chipped and set up for composting at sites around town. The wood waste would have been burned rather than have gone to a landfill.

10. A copy of the criteria used to evaluate grant application is included. It is the policy of the District to support the recycling programs in the district. Trash collection and Recycling services are available throughout the district. It is not all curbside collection but we are striving to make the services as convenient as possible. All of the publicly owned recycling centers have received multiple grants from the district. It is expected that this practice will continue. The District has provided funding to several privately owned programs as well.