

**MID-MISSOURI SOLID WASTE  
MANAGEMENT DISTRICT "H"**



**FISCAL YEAR 2009  
ANNUAL REPORT  
JULY 1, 2008 – JUNE 30, 2009**

To satisfy the requirements of "Attachment 5" to the Financial Assistance Agreement  
with the Missouri Department of Natural Resources  
October 14, 2009

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## INTRODUCTION:

The following report is submitted in order to fulfill the requirements of "Attachment 5" to the agreement between the Mid-Missouri Solid Waste Management District and the Missouri Department of Natural Resources (MDNR).

The District's name is the Mid-Missouri Solid Waste Management District (MMSWMD) and was recognized by MDNR as the official solid waste management district in Region "H" by MDNR on December 4, 1991 in a letter signed by Director G. Tracy Mehan III. This is the Annual Report for Fiscal Year 2009 which runs from July 1, 2008 to June 30, 2009.

A list of the Executive Board Members for FY2009 as well as the Advisory Committee, the District Council, and the Regional HHW Program Advisory Committee is included in Appendix A. The Regional HHW committee is an ad-hoc committee.

## GOALS AND ACCOMPLISHMENTS:

### ***FY2009 Goals and Accomplishments***

Fiscal year 2009 goals for MMSWMD included six tire collections and an additional on-site tire cleanup program, three HHW collections, and fifteen electronic waste collections. Additional projects for FY2009 included having a successful financial audit, continued compliance with the solid waste management rules, redesigning the MMSWMD website, preparing a new budget, providing assistance to local organizations, developing a district wide HHW program, and continuing to identify and address service gaps in solid waste management.

Although each grant awarded by MMSWMD has projected levels of diversion, grant periods do not necessarily coincide with annual fiscal years, or even quarters. Moreover, many projects that have been aided by district grant funds are ongoing and produce results long after the reporting requirements have ended.

### **• *Hold 6 Tire Collections and Implement On-site Cleanup Program***

In FY2009, there were six waste tire collections and one on-site cleanup in Region H. A tire fee was charged at each event. Tonnage of tires including scrap metal from rims decreased from 138.16 total tons in FY2008 to 116.65 total tons in FY2009, a 15.57% reduction in collections. In FY 2008, the total cost to MMSWMD was \$23,972.65 and cost per ton, \$173.51. In FY2009, the total cost to MMSWMD was \$19,037.35 and cost per ton, \$163.20. Total households served in FY2008 were 379; and in FY2009, the number was 352, a 7.12% reduction compared to those served in the most recent year.

	FY08	FY09
Total tons of tires plus scrap metal from rims	138.16	116.65
Total cost to MMSWMD	\$23,972.65	\$19,235.67
Cost per ton	\$173.51	\$163.20
Households served	379	352

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Contributing factors to the decline in the amount of tires being collected:

1. There are a number of people that refuse to pay any fee;
2. Enough tires have been removed from the District that there are actually fewer tires to collect;
3. We have discouraged businesses like tire dealers from bringing their tires to our collections by charging a fee. We have not seen or had reports of any noticeable increase in illegally dumped tires.

A copy of our most recent contract renewal with Mickey Parkhurst is included in Appendix B. The contract with Mickey Parkhurst expired on June 30, 2009; an RFP for FY2010 waste tire hauling services is included in the October 14, 2009 MMSWMD Executive Board meeting agenda for review/approval and will be issued thereafter.

• **Electronic Waste Collection**

Following several successful electronic waste collections during FY2008, the MMSWMD continued to schedule electronic waste collections with FY2009 tire collection events. In addition, MMSWMD promoted and supported additional electronic waste collections with Mid-MO Recycling. Fifteen collections were held during FY2009. Mid-MO Recycling was on site for the collections and charges a \$5.00 fee for monitors, copy machines, televisions and microwaves only. Other electronics were collected at no charge to participants. The only costs to MMSWMD are advertising and food for workers. On March 11, 2009, the agreement between MMSWMD and Mid-Missouri Recycling was extended until June 30, 2010.

	FY08	FY09
Total tons of electronic waste collected	9.79	89.19
Total cost to MMSWMD	-	\$1760.75
Cost per ton	-	\$19.74
Households served	-	1396

• **HHW Programs / Collections**

The MMSWMD Executive Board continues to seek guidance from the Regional HHW committee. MMSWMD invited a variety of Region H city and county leaders to tour the HHW facility in Mexico, MO which opened in April 2008. Several cities, including the City of Jefferson and Fulton, have expressed interest in developing a permanent HHW facility. Contractors with the capability of servicing these facilities are being researched along with planning to provide grant funding to assist communities in launching these sites. In many cases, entire facilities can be purchased and installed for less than the cost of a single one-day collection. In FY2010, this study will continue along with the development of the comprehensive solid waste management plan where service gaps will be identified.

In FY2009, the MMSWMD funded two household hazardous waste collections in Osage County (Linn) and Callaway County (Fulton). See data below. Approximately 30% (1.5 tons, 300 gallons) of the tonnage collected in Fulton was latex paint that was filtered and reused by the city of Fulton. The Fulton collection was more expensive than past collections due to the nature of the materials collected. The increasing costs of one-day collections underline the

need for permanent HHW facilities. . A copy of our contract with Pollution Control Industries, and a description of the cost variance for the Fulton collection are included in Appendix B.

Linn, MO	4/11/09	40 households	1.91 tons collected	\$8,996.07
Fulton, MO	5/16/09	119 households	4.96 tons collected	\$13,492.84

• **Illegal Dump Cleanups**

MMSWDM continues to fund illegal dump problems through grants, such as Grant#2009013 with River Relief, Inc., and work with MDNR staff and county commissioners to coordinate enforcement efforts on illegal dump sites. MMSWMD performed one on-site scrap tire cleanup in FY2009.

**Results of MMSWMD Collection Events (Grant #2008002 – MMSWMD Plan Implementation)**

Date	Location	Tons Diverted	Invoice	Other Costs	Total Cost	Households
<b>One-Day Tire Collection Events</b>						
			Parkhurst Inv			
9/6/2008	Audrain (Mexico)	18.93	\$2538.39	\$988.80	\$3,527.19	60
9/27/2008	Boone (Columbia)	17.66	\$2,468.34	\$688.72	\$3,157.06	63
4/4/2009	Moniteau (California)	9.51	\$1,445.37	\$826.93	\$2,272.30	36
5/30/2009	Howard (Fayette)	11.64	\$1,769.59	\$685.11	\$2,454.70	23
6/6/2009	Cole (City of Jefferson)	38.10	\$3,889.13	\$411.64	\$4,300.77	116
6/13/2009	Cooper (Boonville)	20.81	\$2,964.42	\$817.58	\$3,782.09	53
	<b>Sub-Total</b>	<b>116.65</b>	<b>\$15,608.24</b>	<b>\$4,418.58</b>	<b>\$20,026.82</b>	<b>351</b>
<b>On-Site Tire Cleanups</b>						
			Parkhurst Inv			
11/13/2008	Ashland (Rippeto Farm)	4.01	\$372.24	\$0.00	\$372.24	1
	<b>Sub-Total</b>	<b>4.01</b>	<b>\$372.24</b>	<b>\$0.00</b>	<b>\$372.24</b>	<b>1</b>
<b>One-Day HHW Collection Events</b>						
			PCI Inv			
4/11/2009	Osage (Linn)	1.91	\$8,996.07	\$478.40	\$9,474.47	40
5/16/2009	Callaway (Fulton)	4.96	\$13,492.84	\$1093.15	\$13,556.07	119
	<b>Sub-Total</b>	<b>6.87</b>	<b>\$22,488.91</b>	<b>\$1,571.55</b>	<b>\$23,185.96</b>	<b>159</b>
<b>One-Day E-Waste Collection Events (Held in Conjunction with One-Day Tire Collections)</b>						
9/6/2008	Audrain (Mexico)	2.37		-	-	n/a
9/27/2008	Boone (Columbia)	13.91		-	-	n/a
1/10/2009	Boone (Columbia)	10.23		\$427.61	\$427.61	298
2/25/2009	Audrain (Mexico)	1.45		\$329.50	\$329.50	27
2/28/2009	Boone (Columbia)	14.87		\$390.73	\$390.73	281
3/14/2009	Cooper (Boonville)	3.11		\$192.04	\$192.04	39
3/14/2009	Moniteau (Tipton)	0.73		\$144.54	\$144.54	14
3/25/2009	Audrain (Mexico)	0.58		\$39.50	\$39.50	17
4/4/2009	Moniteau (California)	4.49		\$85.85	\$85.85	91
4/11/2009	Osage (Linn)	2.37		\$391.80	\$391.80	42
4/21/2009	Callaway (Fulton)	1.70		\$44.97	\$44.97	36
5/2/2009	Boone (Columbia)	11.37		\$33.35	\$33.35	229
5/30/2009	Howard (Cooper)	1.69		-	-	34
6/6/2009	Cole (Jefferson City)	16.41		-	-	226
6/13/2009	Cooper (Boonville)	3.91		-	-	62
	<b>Sub-Total</b>	<b>89.19</b>		<b>\$2,124.86</b>	<b>\$2,124.86</b>	<b>1396</b>

Note: No invoices as Mid-MO Recycling handled their own money collection. E-waste event held in conjunction with tire collection events shared advertising.

- **Expand MMSWMD Education/Outreach Program**

The MMSWMD web site at [www.mmswmd.org](http://www.mmswmd.org) was re-launched in summer 2009 through a contract with Huber & Associates. The site provides information about the MMSWMD district operations and policies, district grant processes, collection events and recycling service providers. The MMSWMD newsletter "Window to Waste" features grant calls, successful grant projects, collection events, and other recycling news. Beginning in FY2010, the "Window to Waste" newsletter will be issued quarterly via the website, e-mail, and regular mail (limited). Recycling presentations were given to students and adult groups throughout the year. In FY2010, MMSWMD will seek opportunities to present recycling education in underserved areas.

- **Have a Successful Financial Audit**

We received a clean report on the FY2008 audit performed by Casey and Company in Columbia, MO and approved by the MMSWMD Executive Board on December 10, 2008. Casey and Company is also contracted for the FY2009 financial audit which began September 21, 2009.

- **Fill in Residential Recycling Program Gaps**

We encourage new recycling opportunities to underserved areas such as Howard, Moniteau or Osage Counties. During the grant application evaluation process, bonus points are assigned to projects that address these gaps in underserved areas. For example, funding for Grant#2009003, Endless Options, Inc., has allowed for expanded recycling opportunities in Howard County in addition to providing employment opportunities for persons with disabilities.

- **Complete Region H 2008 Assessment Inventory (AI)**

On February 13, 2009, the Region H 2008 Assessment Inventory was submitted to SWMP. Responses to SWMP inquiries regarding the AI were mailed May 28, 2009. A June 15, 2009 email from Katy D'Agostino, SWMP, advised the Region H AI was completed. Data obtained through the AI process was included in the District's recycling guide "A Guide to Recycling in Mid-Missouri" available at [www.mmswmd.org](http://www.mmswmd.org).

## GRANT PROPOSAL EVALUATION PROCESS

### **Evaluation process**

For the FY2009 application process, there were three grant rounds. MMSWMD separates applications into small grant applications (requests of \$5,000.00 or less with total project costs of \$15,000.00 or less) and large grant applications (\$5,000.01 - \$100,000). A preliminary application was required for large grant projects and strongly recommended for small grants.

Preliminary applications are reviewed by the District Manager who provides applicants a list of items necessary for the final applications, including some recommendations on grant projects. Final applications are reviewed and scored by our Advisory Committee and awards are made by the Executive Board, subject to final approval by MDNR SWMP. In cases where a potential conflict of interest may exist, the board/committee member abstains from the process for that application.

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A copy of the FY2009 District Grant Application and Guidance Document is included in Appendix C which details the application and scoring process. The Advisory Committee meets each quarter, reviews grants and submits their scores at the end of the discussion period. The scores are entered and tallied during the meeting and a recommendation for funding is made at the end of the meeting.

**Funding applicants who have received prior funding**

MMSMWD does not discriminate against applicants simply due to the fact that they have received funding in the past. However, MMSWMD does try to fund needs in the district and awards bonus points for underserved areas. We do require applicants to list all prior grants funded, and this list is presented to the Advisory Committee. The Executive Board sees the recommendations of the Advisory Committee as well as a summary of previous years funding.

**Funding on-going operations**

On page 6 of the FY2009 District Grant Application and Guidance Document, MMSWMD states, "MMSMWD will not fund on-going operations of recycling business or programs." We have always given a strong preference to equipment grants. Over 82 percent of our funds paid to sub-grantees have been for equipment purchases. Funding for labor costs, job creation and training is considered when it is directly related to the grant project.

MMSWMD puts an emphasis on starting up new programs and operations; e.g., household hazardous waste collection facilities, electronic waste collection, special event recycling, college recycling programs (*Recyclemania*), educational outreach, especially in underserved areas.

**PROJECTS AND RESULTS**

Grant Number	Grant Award	Total grant expenditures to date (includes funds withheld)	Tons of banned materials recycled	Tons of other Material recycled	Projected diversion	Projected cost / ton total project	Materials recycled	Date closed
2006004	\$48,750.00	\$46,897.50	0.0	35.5	125	\$390.00	OCC (extended to 3/30/08)	7/24/08*
2007003	\$5,000.00	\$5,000.00	0	2.69	4.28	\$1,168.22	Aluminum, Glass, Plastic	9/10/08
2007005	\$19,786.90	\$18,746.94	10.39	0	20	\$989.35	HHW	3/30/09
2007007	\$67,675.06	\$67,675.06	0	735.01	473	\$143.08	OCC, Paper, Steel, Plastics, Aluminum,	6/30/08
2007008	\$40,000.00	\$35,350.00	0	0	N/A	N/A	Recycling Consulting Services	9/30/08
2007009	\$45,000.00	\$45,000.00	0	60.1	60	\$750.00	Alumunim	2/28/09
2007011	\$5,000.00	\$5,000.00	0	0	N/A	N/A	N/A Recycling & Reuse Curriculum	12/30/08
2007012	\$4,963.65	\$4,125.19	0	22.68	20	\$248.18	OCC and other fibers	8/13/08
2007013	\$5,000.00	\$5,000.00	0	169.50	132	\$37.88	OCC and other fibers	8/13/08
2007014	\$5,000.00	\$5,000.00	0	85	64	\$78.13	OCC	2/28/09
2007015	\$4,000.44	\$3,716.40	0	7.98	8	\$500.06	Plastic, Aluminum, & Glass	2/28/09
2008001	\$83,219.07	\$62,661.32	0	0	0	N/A	This is an administrative grant	9/30/08
2008002	\$106,424.50	\$85,816.30	136.62	9.81	70	\$1,520.35	Tires, HHW, Ewaste H-Plan Implementa.	9/30/08
2008003	\$5,000.00	\$5,000.00	0	0	0	N/A	Citizen survey	6/11/08
2008004	\$5,000.00	\$0.00	0	0.2	N/A	N/A	Lincoln University	8/31/09
2008005	\$4,900.00	\$4,900.00	1.15	1.27	4	N/A	Hartsburg River Cleanup	4/9/2009

2008006	\$18,019.15	\$17,086.73	12.63	5.32	32.63	\$1,225.00	City of Holts Summit	5/31/09
2008007	\$56,250.00	\$0.00	0	34.14	30.4	\$552.23	City of Columbia	Open
2008008	\$14,775.00	\$8,746.88	0	46.23	44.8	\$1,850.33	City of Columbia	Open
2008009	\$48,400.00	\$36,835.37	0	207.85	624	\$329.80	Boonslick Industries, Inc.	Open
2008010*	\$49,725.00	\$49,725.00	0	6	67.2	\$77.56	River City Habitat for Humanity Re-store	5/31/09
2008011	\$5,000.00	\$2,264.97	0	2.31	15.36	\$739.96	Harrisburg Preschool	08/06/09
2008012	\$4,721.00	\$0.00	0	1.91	9	\$325.52	City of Columbia	9/30/09
2008013	\$4,417.50	\$4,193.72	0	23.64	198	N/A	Handi-Shop, Inc.	8/6/09
2009001	\$82,491.50	\$53,309.90	0	0	0	\$524.56	This is an administrative grant	9/30/09
2009002	\$232,182.50	\$135,069.53	116.65	100.07	0	\$22.31	Tires, HHW, Ewaste H-Plan Implementa.	9/30/08
2009003	\$4,486.00	\$3,083.57	0	0.43	56.45	N/A	Endless Options Inc.	Open
2009004	\$4,775.00	\$2,300	0	1.2	3.06	N/A	Boonslick Industries	Open
2009005	\$3,999.75	\$0.00	0	0	1.0	N/A	City of Columbia	Open
2009006	\$100,000.00	\$0.00	0	0	1135	\$79.47	City of Fulton	Open
2009007	\$37,833.33	\$0.00	0	0	49.5	\$1,560.46	County of Boone	Open
2009008	\$55,200.00	\$24,289.34	0	0	1000	\$3,999.75	Boonslick Industries	Open
2009010	\$22,800.00	\$0.00	0	0	100	\$88.11	City of Columbia	Open
2009011	\$16,500.00	\$0.00	0	0	63	\$764.31	City of Columbia	Open
2009012	\$5,000.00	\$0.00	0	9.11	53.4	\$55.20	Kingdom Projects	Open
2009013	\$5,000.00	\$0.00	0	0	4.5	\$228.00	River Relief, Inc.	Open
2009014	\$3,780.00	\$0.00	0	0	144	\$261.90	University of Missouri	Open
Totals	\$1,230,075.35	\$736,793.72	277.44	1,567.95	4,611.58	\$266.74		

\*Sub-grantee will report for two additional quarters so that a full 4 quarters are reported.

**Sub-grantee site visits and equipment certification statements were completed in FY2009.**

**FY2010 Goals**

- *Begin Implementation of the updated Comprehensive Solid Waste Management Plan "MMSWMD Guidance Plan". Plan received Executive Board approval on 10/14/09.*
- *Hold 3 scrap tire collections and additional on-site tire cleanups as needed*
- *Hold 5 electronic waste collection and participate in electronic waste best management practices discussion*
- *Develop a District-wide HHW program and hold 2 one-day HHW collections*
- *Have a successful financial audit*
- *Continue to update and enhance the MMSWMD web site ([www.mmswmd.org](http://www.mmswmd.org)) and educational materials*
- *Proceed with an illegal dump program of some variety*
- *Continue to identify and address service gaps in solid waste management.*

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