

# Region F Solid Waste Management District

## FY 2007- 2008 Annual Report

Submitted to Missouri DNR on November 25, 2008

Prepared by: Ruth Anne Parrott, Region F Planner

*Ruth Anne Parrott 11-24-2008*

Ruth Anne Parrott

Approved by: Randy White, Pioneer Trails RPC Executive Director

*Randy White*

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Randy White



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

1. SOLID WASTE MANAGEMENT DISTRICT  
West Central Missouri Solid Waste District Region F

2. FISCAL YEAR PERIOD:  
FROM JULY 1, 2007 TO JUNE 30, 2008

**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?

1. Provide effective and efficient administration of Region F SWM program.
2. Provide adequate staffing to properly administer the Region F SWM program.
3. Provide effective outreach. (See attachment 3-A pages 1-8)
4. Review and revise Solid Waste Grant Ward procedures and sub grantee policies.

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.

1. Hire a Solid Waste Planner and Education Specialist.
2. Provide effective outreach. (See attachment 3-B pages 1-7)
3. Comply and address Region F Solid Waste District Performance Audit Issues.
4. Update Region F Solid Waste District By-laws.
5. Enhance Region F Solid Waste District grant program using available carryover funds as well as allotment dollars.
6. Increase membership of Region F Solid Waste District Council and making the Council and Board more effective.

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. In transition from a different administrator, Region F did not set goals for FY 2007-2008. Pioneer Trails RPC took over administration for Region F Solid Waste District in November 2007.

2.

MO 780-1989 (06-08)

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.

The overall landfill diversion recycling goal for the FY2008-2009 year ending June 30, 2009 is an estimated total of 11,353.14 tons. See attached grant listing for details (attachment 4-B)

**4-b: Recycling goals for FY -2009:**

<u>Project#</u>	<u>Project Name</u>	<u>Tons Diverted</u>
1. F-2009-02	Outreach and Education	NA
2. F-2009-04	Staff Salaries	346 T
3. F-2009-05	Recycling Collection Containers	1196 T
4. F-2009-07	Carport	271 T
5. F-2009-08	Bulk Storage Containers	148 T
6. F-2009-09	Fork Lift Load Adapter	228 T
7. F-2009-10	Manual Tilt Truckers	39 T
8. F-2009-11	Johnson Co HHW	10 T
9. F-2009-13	Forklift	1600 T
10. F-2009-14	Recycled Tables and Park benches	5.14 T
11. F-2008-04	Stretch Wrap	500 T
12. F-2008-05	Pallet Jack	500 T
13. F-2008-08	Loading Dock Leveler	500 T
14. F-2008-06	State Fair Paper Recycling	10 T
15. F-2008-07	Concrete Recycling Project	6,000 T
16. F-2009-03	Lafayette HHW	

**\*Items in red are pending**

**Total Tons 11,353.14 Tons**

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?

In transition from a different administrator, Region F did not set goals for FY 2007-2008 ending June 30, 2008. Pioneer Trails RPC took over administration for Region F Solid Waste District in November 2007.

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.

The overall landfill diversion recycling goal for the FY2008-2009 year ending June 30, 2009 is an estimated total of 16,645 tons. See attached grant listing for details (attachment 5-B)

**5-b: Resource Recovery goals for FY-2009:**

1.	F-2009-02	Outreach and Education	NA
2.	F-2009-06	Vertical Baler/Digital Scales	45 T
3.	F-2009-18	Bio Solid Composting Screener	4150 T
4.	F-2009-19	Bio Solid Composting Mixer	4150 T

**\*Items in red are pending**

**Total Tons 8,345**

**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.
See Attachment 6			

Measurable outcomes achieved.

MO 780-1989 (06-08)

**7. SUMMARIZE PROJECTS NOT RESULTING IN TONNAGE DIVERSION**

Projects not resulting in tonnage diversions from landfills.	Cost of Project
F-2008-01 District Operation	\$100,000.00
F-2008-02 Outreach & Education	\$17,000.00

Measurable outcomes achieved for these projects.

1. See attached Education/Information Specialist Projects for FY2007-2008 Attachment 3-B, page 1-8.
2. Program administrator once transition occurred has become more effective and efficient in by

**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.
There was No HHW Collection Event for the FY 2007-2008 year			

**6: Summarize Types of Projects resulting in tonnage:**

*These projects were approved by the Region F Solid Waste Board in 2008 but actual funding did not start until the FY 2009. This was do the fact the Region F was in a transition to a new administrator for the Region F Solid Waste Management Program.*

Project	Cost	Tonnage Diverted	Cost	Status
F-2008-03 (Wages)	\$16,494.0			Withdrawn by candidate
F-2008-04 (Stretch Wrap)	\$3,548.00	NA at this time		Ordered & In
F-2008-05 (Pallet Jack)	\$4,125.00	NA at this time		Ordered & In
F-2008-06 (paper recycling)	\$10,000.00	NA at this time		Still with DNR
F-2008-07 (Concrete Recycling)	\$71,850.00	NA at this time		Still with DNR
F02008-08 (Loading Dock Leveler)	\$1,080.0	NA at this time		Ordered & In

Measurable Outcomes achieved:

*Diversion of tonnage pending equipment installation and use.*



<b>9. IDENTIFY SEPARATE STATISTICS FOR ITEMS NOT BANNED FROM LANDFILLS</b>			
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.
Data unavailable, Pioneer Trails RPC took over administration in November 2007.			

10. Describe your district's grant proposal evaluation process.  
Each member of the Executive Board independently evaluates the grants per grant elevation form after a brief presentation by each grant applicant. Once each individual scores are reported and ranked the Executive board recommends the grant for approval based on availability of funds and the DNR approved concurrence. (See attachment 10)

**WEST CENTRAL MO SOLID WASTE DISTRICT  
SOLID WASTE GRANT PROJECTS EVALUATION FORM**

Project Title: \_\_\_\_\_  
Submitted By: \_\_\_\_\_  
Address: \_\_\_\_\_

Date Submitted: \_\_\_\_\_  
Evaluated By: \_\_\_\_\_

Amount Requested: \$ \_\_\_\_\_ Total Project Cost: \$ \_\_\_\_\_

CRITERIA	MAXIMUM POINTS	THIS PROJECT
Proposal was received on time and as specified in RFP.	5	
Applicant submitted all information requested in the RFP and any other information necessary to evaluate proposal.	5	
Conforms with State Resource Recovery Priorities Conforms with solid waste management hierarchy, which is (1) waste reduction (2) collection/processing, composting and market development and (3) recovery and use of energy from waste.	5	
Conforms with State/District Target Materials List Projects involving high priority materials should receive maximum points while those with lower priority materials should receive reduced or no points.	5	
Likelihood that project will result in development of needed local markets and jobs (Not applicable to waste reduction, education and R&D projects.)	4	
This project demonstrates public-private partnerships and/or cooperation among different entities.	4	
This proposal demonstrates that all applicable federal, state and local permits, approvals, licenses or waivers will be obtained prior to award.	4	
Information from this project will be actively disseminated to others.	4	
There is currently a need for this project or information in this area.	4	
Technical capability of applicant.	5	
<b>SUBTOTAL (THIS PAGE ONLY)</b>	<b>45</b>	

Project Title: \_\_\_\_\_  
 Submitted By: \_\_\_\_\_

CRITERIA.CONT	POSSIBLE POINTS	THIS PROJECT
<b>SUBTOTAL FROM PAGE 1</b>	<del>45</del> 45	
Managerial capability of applicant	5	
Likelihood that this project will be successfully implemented in a timely manner.	5	
Project is feasible, given that technology is proven and/or feedstock is readily available.(Not applicable to Education or R&D projects.)	5	
Should this proposal be approved, all financing on this project is committed.(Projects demonstrating sufficient financing or questionable financing should receive reduced points or no points.)	5	
Project demonstrates significant cash and/or in-kind contributions.	5	
Budget information is well-thought and reasonable.	5	
Project has a strong marketing strategy.	5	
Bonus Points:A maximum of 5 points can be awarded here for projects demonstrating or reflecting district goals and priorities which may not be adequately covered in this criteria rating.	5	
<b>TOTAL SCORE</b>	<del>45</del> 85	

COMMENTS AND RECOMMENDATIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**BOARD AND COUNCIL MEMBERS**

<input type="checkbox"/> Board Member <input type="checkbox"/> Council Member Name: See attached attachemnt 11 page 1-3	Address:		
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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:
	Comments:

Official Title:
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<input type="checkbox"/> Board Member <input type="checkbox"/> Council Member Name:	Address:		
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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:
	Comments:

Official Title:
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REGION F SWMD EXECUTIVE BOARD

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bwasson@cityofsedalia.com		
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salcocom@mmuonline.net		
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mayorsilvey@sbcglobal.net		
bwasson@cityofsedalia.com		

Region F Solid Waste Officers 2009

Harland Mieser	Chairman
Ron Duvall	Vice-Chairman
Rod Lindemann	Secretary/Treasurer

# EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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## *SUMMARY OF STATUS OF PROJECTS (Description of projects begins on Page 3)*

### **Project 1:**

**Calendar/ Bill Board Project for Johnson County** **Cost: \$8000**  
Completed except for billboard rental through June 2008

### **Project 2:**

**Morgan County and other Water Festival** **Cost: \$750**  
Completed except for Stover Elementary Water Festival May 16, 2008

### **Project 3:**

**Earth Day Activities for Lafayette County Libraries with continued support of Johnson County Earth Day** **Cost \$600**

Lafayette County Libraries  
Completed as of April 24th  
Johnson County Earth Day  
Completed as of April 19<sup>th</sup>

### **Project 4**

**Support "Reusables" in Pettis County and establish other Reusables in at least one more Region F County** **Cost: \$1,000**  
Not Completed –target completion date June 15th

### **Project 5**

**Missouri Recycles Day Recycling Fair for Saline County** **Cost: \$100**  
Not Completed – target completion date April 30th

### **Project 6**

**Expand Newsletter** **Cost \$500**  
Not Completed - target completion date June 15th

### **Project 7**

**Update the Region F Resource Directory** **Cost: \$65**  
Not Completed – target completion date May 30th

### **Project 8**

**Update Directory of Recycling** **Cost: \$250**  
Not Completed-target completion date May 30th



## EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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### **Project 9**

**Expand a Resource Library**

**Cost: \$1000**

**Not Completed – ordering in progress – target completion date May 30th**

### **Project 10**

**Mileage, Project Supplies and Other Operational Costs Associated with Projects**

**Not Completed – Completion date June 30<sup>th</sup>.**

**Cost: \$2,735**

### **Project 11**

**Bring Stan Slaughter (Eco Troubadour) to Whiteman Elementary**    **Cost: \$1,000**  
**Completed**

### **Project 12**

**Vermicomposting in one school in each of the five District Counties**    **Cost: \$1,000**  
**Completed**

**Two projects are completed.**

**Two projects are scheduled for completion by April 30<sup>th</sup>**

**Four projects are scheduled for completion by May 30<sup>th</sup>**

**Four projects are scheduled for completion by June 30<sup>th</sup>**

# EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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## **Project 1:**

### **Calendar/ Bill Board Project for Johnson County**

**Cost: \$8000**

**Educational Goal/Focus:** To raise awareness of the costs and dangers of illegal dumping. Through the use of student art work that promotes awareness of the dangers of illegal dumping, calendars and billboards are produced. These provide a strong message to the adults who use the calendars and see the billboards. Adult presentations are also given to civic groups in the area. In addition, proper trash disposal, recycling basics and how to report an illegal dumpsite are emphasized.

**Target Audience:** 5<sup>th</sup> grade students and adults.

**Description:** The education/information specialist and assistant contacts schools to schedule a 45 minute illegal dumping awareness presentation that explains the poster contest to students. Sponsors for the calendars are obtained. After the school determines the top two winners of the illegal dumping art work contest, the winning posters are placed in a public contest at the county courthouse. The final 13 winning posters form the 12 month pages of the calendar and the top winner is the cover picture. A bill board is made from the top poster and displayed in six different locations in the county, one location a month for six months. In addition, promotional spots on the radio, television and articles in the newspapers also get the message to the public.

The student who draws the top winning poster will receive public recognition through the media and will also receive a prize presented to them in a ceremony by the county commission.

**Estimated Time Line:** This project should be completed from August 2007 to January 2008 in order to disperse calendars in a timely manner. The bill boards are displayed from December 2007 through May 2008.

**Estimated Cost and Match:** With a \$25 sponsorship from a minimum of twenty-four businesses in the county (\$600), a match from the county of approximately \$375 for litter bags that will be given to the students, an in-kind commitment of \$1,000 for personnel and operating expenses, and other miscellaneous in-kind contributions from landfills and recyclers for student prizes, the total costs, including production of calendars and bill boards, is approximately \$7500 - \$8,000.

## **Project 2:**

### **Morgan County and other Water Festival**

**Cost: \$750**

**Educational Goal/Focus:** To promote water quality education and specifically to show how improper waste disposal can affect the water quality.

**Target Audience:** Morgan County R-I and R-II School District children grades 2-6; Morgan County Lutheran Elementary School, grades K-8; Morgan County Mennonite Community School, grades K-8, and prospective Johnson County Schools, grade 4; and, others.

## EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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**Description:** A day-long Water Festival is presented to each of the two schools in cooperation with Morgan County Soil and Water Conservation District, University of Missouri Outreach and Extension, Missouri Department of Conservation, Natural Resources Conservation Services, Missouri Department of Natural Resources, Conservation Federation of Missouri, MFA Agri Services, Prairie Rose RC&D and Region F Solid Waste District. The students rotate among 6-7 learning stations, each with a different focus on water quality. Each segment of information is coordinated with the Missouri Assessment State Standards and the school districts curriculum.

**Estimated Time Line:** Planning will begin in August and project implementation will continue through the end of the 2007-2008 school year.

**Estimated Cost and Match:** \$700-750 includes transportation and materials. Mileage is reimbursed per Pioneer Trails RPC policy consistent with the State reimbursement rate.

### **Project 3:**

### **Earth Day Activities for Lafayette County Libraries with continued support of Johnson County Earth Day Cost \$600**

#### *Lafayette County Libraries*

**Target Audience:** Patrons of Lafayette County Libraries.

**Educational Goal/Focus:** To make participants aware of the environment, its needs and its rewards, and to promote responsible waste management.

**Target:** All ages

**Description:** Planned Earth Day activities and displays.

**Estimated Time Line:** Planning begins in July, 2007 and continues through April 22, 2008.

**Estimated Cost:** \$500 includes a match for materials from the libraries.

#### *Johnson County Earth Day*

**Educational Goal/Focus:** To make participants aware of the environment, its needs and its rewards, and to promote responsible waste management.

**Target:** All ages

**Description:** Warrensburg, MO area and the Citizens for Environmental Awareness will link informative and entertaining activities to focus on the environment for an Earth Day event. The public is invited.

## EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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**Estimated Time Line:** Planning from July, 2007 and continue until April 22, 2008.

**Estimated Cost:** \$100 – cost of supporting solid waste management brochures (50) to be distributed to participants.

### **Project 4 Established Target Completion by Support “Reusables” in Pettis County and establish other Reusables in at least one more Region F County Cost: \$1,000**

**Educational Goal/Focus:** To teach resource re-use in creating educational activities.

**Target:** The target group is all ages.

**Description:** The Reusables place will supply area educators with free materials (leftover from industrial waste) that are usable in a creative educational activity.

**Estimated Time Line/Tasks:** 2007-2008.

**Estimated Cost and Match:** Matches will be found for funding, but during the initial beginning stage, the estimated cost would cover the administration of volunteer personnel, mileage for meetings and other incidental expenses.

### **Project 5**

#### **Missouri Recycles Day Recycling Fair for Saline County**

**Cost: \$100**

**Educational Goal/Focus:** To promote awareness of acceptable waste management practices and skills for environmental literacy.

**Target:** Students in the Saline County area

**Description:** In conjunction with Missouri Recycles Day (November 15, 2008), visits will be made to Saline County students. As a culminating activity for a 45 minute recycling presentation given by the education/information specialist, the students will produce a trash sculpture that will be put on display at the Saline County Court House during a recycling fair. The fair would include booths from recycling merchants, a recycled fashion show, and other activities of interest to the public.

**Estimated Time Line/Tasks:** The planning process will begin in September with contacts to teachers concerning their interest in this project and continue throughout the 2007-2008 school year to form the ideas and activities for the Recycling Fair.

**Estimated Cost:** \$100 – mileage for employee travel to participate in planning and events. Mileage reimbursed at State rate per Pioneer Trails RPC policy.

## EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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### Project 6

#### Expand Newsletter

Cost \$500

**Educational Goal/Focus:** To provide a communication tool for the people in the Region F area primarily.

**Target:** Readers in the Region F area and other interested readers

**Description:** This project would expand over a year's time the newsletter mailings from 350 to 750. It would also provide for an electronic version of the newsletter.

**Estimated Time Line/Tasks:** The number of readers would increase by 100 each of the four quarters beginning in January, 2008.

**Estimated Cost and Match:** Printing for this project is approximately \$500.

### Project 7

#### Update the Region F Resource Directory

Cost: \$65

**Educational Goal/Focus:** The directory will provide a "hard copy" of recycling and environmental education resources available in the Region F area.

**Target** Any interested person regardless of age, but specifically written for the formal and non-formal recycling and environmental educator.

**Description:** The education/information specialist will research and create a list of resources. Production costs will include a booklet.

**Estimated Time Line/Tasks:** Booklets (100) will be updated and distributed.

**Estimated Cost and Match:** \$50-\$65.

### Project 8

#### Update Directory of Recycling

Cost: \$250

**Educational Goal/Focus:** To provide a "hard copy" of recycling information found on the web including recycling businesses in the Region F area.

**Target:** Any interested person regardless of age, but specifically written for the adult.

## EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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**Description:** The education/information specialist will first update the information about recycling found on the web. This will involve the cost of printing inquiry sheets, postage, searching the web, long distance follow-up calls, and production costs for a booklet made with printer paper, color paperboard, and plastic comb binding with an existing machine.

**Estimated Time Line/Tasks:** Begins in August and continues through the year with production of a booklet when enough updated material has been gathered. Tentative completion is August 2008.

**Estimated Cost and Match:** The production cost includes the printing, paper and postage and follow-up telephone calls.

**Total cost: \$200-250.**

### Project 9

#### Expand a Resource Library

**Cost: \$1000**

**Educational Goal/Focus:** To plan an educational and resource center for environmental/waste management formal and informal educators including books, periodicals, teaching materials, films, lesson plans, grant writing classes, etc.

**Target:** The target group is non-formal and informal educators and other interested parties

**Description:** Using the Region F rented office space, the education/information specialist will compile information and resources on the topic of solid waste management.

**Estimated Time Line/Tasks:** Planning to occur starting in the fall of 2007 with possible operational status by the spring of 2008.

**Estimated Cost and Match:** \$1000 – costs of books, subscriptions, DVDs and other general materials to be used as resources by educators and other interested parties.

### Project 10

#### Mileage, Project Supplies and Other Operational Costs Associated with Projects

**Cost: \$2,735**

**Mileage:** While executing the above projects, mileage expense is incurred at the reimbursement rate established by the State per Pioneer Trails RPC policy.

**Operational Costs:** These funds would cover expenses incurred including printing costs, paper, and project supplies.

## EDUCATION/INFORMATION SPECIALIST PROJECTS 2007-2008

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### **Project 11**

**Bring Stan Slaughter (Eco Troubadour) to Whiteman Elementary      Cost: \$1,000**

### **Project 12**

**Vermicomposting in one school in each of the five District Counties      Cost: \$1,000**

**Educational Goal/Focus:** To plan and implement an earthworm composting educational activity for elementary students to learn about the science and practicality of vermicomposting.

**Target:** The target group is elementary age students.

**Description:** Contract with an earthworm compost firm and education program to establish worm farms at the school locations. Costs cover all contractor's mileage and expenses.

## EDUCATION AND OUTREACH PROGRAM

2008-2009

### **#1 Pioneer Trails Volunteers for Region F**

#### **Task:**

To pilot an environmental awareness volunteer team.

#### **Outcomes:**

Outreach of information in a train the trainer format.

The number of "enviro presentations" will be expanded to all five Region F counties.

#### **Time Line:**

July 2008 – December 2008 – Volunteers representing each county recruited.

January 2009 – March 2009 – Volunteers will be trained in solid waste management awareness and education

March 2009 – June 2009 – Volunteers will present solid waste management awareness presentation.

#### **Location (County):**

Training location to be at Pioneer Trails Office with volunteers presenting "enviro presentations" in Region F counties.

#### **Key People/Partnerships:**

Education/Information Specialist, Show-Me Recycling Program, volunteers and volunteer organizations such as RSVP, Senior Centers, Association of Retired Military, etc.

#### **Estimated Budget:**

\$2,000. (Meeting Exp-\$1000, Travel-\$400, and Advertising-\$600)

#### **Evaluation:**

Volunteers will complete evaluation forms.

### **#2 Illegal Dumping Awareness**

#### **Task:**

To raise awareness of the costs and dangers of illegal dumping. Through the use of student art work that promotes awareness of the dangers of illegal dumping, calendars and billboards are produced. These provide a strong message to the adults who use the calendars and see the billboards. Adult presentations are also given to civic groups in the area. In addition, proper trash disposal, recycling basics and how to report an illegal dumpsite are emphasized.

#### **Outcomes:**

Outreach of information concerning the negative effects of illegal dumping and litter. (Presentation of information to 4-6<sup>th</sup> grade students, student created posters, billboards, calendars, refrigerator magnets or other promotional item, presentations to businesses and media coverage) Number of contacts is far reaching due to the number of people who will view the billboards, read newspaper articles, hear public service announcements and see the poster calendar messages.

Establish baseline information for the counties through home survey/waste audits.



# EDUCATION AND OUTREACH PROGRAM

2008-2009

## Time Line:

1. August 2008-October 2008 – Present to elementary students, chambers of commerce, etc.
2. October 2008-November 2008 – Poster contest
3. November 2008-December 2008 – Production and distribution of the calendar
4. December 2008- March 2009 – Billboard display

## Location (County):

This project will take place in Saline County.

## Key People/Partnerships:

Pioneer Trails Education/Information Specialist; county commission, school districts, and chambers of commerce/businesses of Saline County; and, possible in-kind support from printing and advertising companies. (Also looking into partnership with MODOT)

## Estimated Budget:

\$4,600. (Calendar printing and billboard rental-\$4,060 and Travel - \$540)

## Evaluation:

Teacher comments from evaluation forms and completed home survey/waste audit from students.

## **#3 Vermicomposting**

### Task:

To provide the learning experience of observing the processes of vermicomposting through the use of a worm farm in the classroom.

### Outcomes:

Outreach of information related to composting (an effective method of diverting materials from the landfill.)

### Time Line:

November 2008 - December 2008 – contact and schedule presentation  
January 2009 – March 2009 – make presentations

### Location (County):

At least one school (grade range 3-6) in each of the five Region F counties.

### Key People/Partnerships:

Pioneer Trails Education/Information Specialist, schools, and potentially the University of Missouri Outreach and Education Master Gardeners Program.

### Estimated Budget:

\$1,000. (Worm farm and supporting resource books for each school - \$700; and, Travel-\$300.)

### Evaluation:

Comments from completed evaluation forms. Completed classroom worm feeding forms to document the amount of food waste diverted from the landfill.

## EDUCATION AND OUTREACH PROGRAM

2008-2009

### **#4 Requested, Regularly Scheduled and Requested Presentations**

#### **A. Water Festivals (in Morgan and other Region F Counties)**

##### **Task:**

A day-long Water Festival focusing on all components of water quality is presented to each of the three schools in cooperation with Morgan County Soil and Water Conservation District, University of Missouri Outreach and Extension, Missouri Department of Conservation, Natural Resources Conservation Services, Missouri Department of Natural Resources, Conservation Federation of Missouri, MFA Agri Services, and Pioneer Trails Regional Planning Commission/Region F Solid Waste District. The students rotate among 6-7 learning stations, each with a different focus on water quality. Each segment of information is coordinated with the Missouri Assessment State Standards and the school district's curriculum. Other Region F counties will be contacted for potential expansion of the project.

##### **Outcomes:**

Outreach of information to students/children concerning effective solid waste management in relation to good water quality.

##### **Time Line:**

1. August 2008-September 2008 –scheduling and planning the water festival
2. September 2008 – May 2009 – scheduled water festivals

##### **Location (County):**

Morgan and other Region F counties

##### **Key People/Partnerships:**

Pioneer Trails Education/Information Specialist, school districts (public and private), county soil and water conservation districts, University of Missouri Outreach and Extension, Missouri Department of Conservation, Natural Resources Conservation Services, Missouri Department of Natural Resources, Conservation Federation of Missouri, MFA Agri Services, and Pioneer Trails Regional Planning Commission/Region F Solid Waste District.

##### **Estimated Budget:**

\$500. (Travel -\$250 and Advertising - \$250)

**Evaluation:** Teacher comments from evaluation forms

#### **B. Green Wednesdays (Summer Day Camp)**

##### **Task:**

To create an educational experience that promotes effective solid waste management.

##### **Outcomes:**

Outreach of information specifically related to household hazardous waste, vermicomposting and other recycling education.

## EDUCATION AND OUTREACH PROGRAM

2008-2009

### Time Line:

1. March 2009 – June 2009 – Contacting parks and recreation departments, scheduling, and planning activities for Day Camps
2. May 2009 – August 2009 - Presentations

### Location (County):

Primarily Johnson County with possible expansion to the other four Region F counties.

### Key People/Partnerships:

Pioneer Trails Education/Information Specialists, parks and recreation departments, an eco entertainer and parents of students

### Estimated Budget:

\$620. (Eco entertainer fee-\$500 and Travel - \$120)

### Evaluation:

Comments from evaluation forms.

## C. Women In Ag

### Task:

To provide effective solid waste management methods to women connected to agriculture.

### Outcomes:

Outreach of information related to methods of solid waste management in agriculture.  
Conference participants will use compostable tableware.

### Time Line:

July 2008-September 2009 – planning, presentation and participation to occur as Women In Ag conferences are scheduled. Typically, Lafayette/Johnson Counties hold a conference in the fall while Saline County holds a conference in the spring. Other conferences to be added as networking is developed.

### Location (County):

Lafayette, Johnson and Saline Counties with potential expansion to the remaining Region F counties.

### Key People/Partnerships:

Pioneer Trails Education/Information Specialist, Natural Resources Conservation Service (NRCS), United States Department of Agriculture (USDA), University of Missouri Outreach and Extension and other agencies.

### Estimated Budget:

\$75. (Travel - \$75)

### Evaluation:

Comments from the Women in Ag Conference organizers evaluation forms.

## EDUCATION AND OUTREACH PROGRAM

2008-2009

### D. Trails Regional Libraries

#### Task:

To create partnerships with libraries in order to promote awareness of effective solid waste management in the five Region F counties.

#### Outcomes :

Outreach of information concerning effective practices of solid waste management particularly in relation to the theme of "Taking Good Care of the Earth."

Promote recycling, scrap tire collection, e-waste collection, and HHW collections throughout the counties.

Establish baseline information for the county through home survey/waste audit.

#### Time Line:

1. July –December 2008 - initial contact with organizations (promoting Earth Day).
2. January -March 2009 -planning with organizations and preparation for activities.
3. April 2009 - Earth Day Activities and participation in Earth Day events in Johnson and Pettis Counties with expansion to other Region F counties.

#### Location (County):

Johnson and Lafayette Counties with projected expansion into Morgan, Pettis and Saline Counties.

#### Key People/Partnerships:

Pioneer Trails Education/Information Specialist, Pioneer Trails Volunteers for Region F Projects, Warrensburg Citizens for Environmental Action, Trails Regional Libraries and others, Sedalia Source Water Protection Committee, Sedalia Public Works Department , Earth Day Network, and others.

**TARGET GOAL: FIRST USE OF VOLUNTEERS**

#### Estimated Budget:

\$200. (Travel - \$200)

#### Evaluation:

Librarian and participants' comments from evaluation forms.

### E. Requested Presentations

#### Task:

To promote awareness of effective solid waste management through in the five Region F counties.

#### Outcomes :

Outreach of information concerning effective practices of solid waste management.

#### Time Line:

July 2008 through June 2009.

#### Location (County):

Johnson, Lafayette, Morgan, Pettis and Saline Counties.

#### Key People/Partnerships:

## EDUCATION AND OUTREACH PROGRAM

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2008-2009

Pioneer Trails Education/Information Specialist, Pioneer Trails Volunteers for Region F Projects, and other possible partnerships. Partnerships may also include schools, civic and youth organizations, governments, and others.

**Estimated Budget:**

\$1500 (Travel)

**Evaluation:**

Participants' comments from evaluation forms.

### **#5 Resource Center**

**Task:**

To continue an educational resource center for use by environmental/waste management formal and informal educators (and Pioneer Trails Volunteers for Region F Projects) including books, periodicals, teaching materials, films, lesson plans, etc.

**Outcomes:**

Outreach of information to promote the educational activities that support effective solid waste management.

**Time Line:**

July 2008-June 2009 – ongoing renewal of materials.

**Location (County):**

The Resource Library will be located in Pioneer Trails Region F offices, but items from the library may be borrowed by educators serving the five county Region F area.

**Key People/Partnerships:**

Pioneer Trails Education/Information Specialist, Pioneer Trails Communication Assistant with potential partnerships established with colleges, universities, and libraries within the Region F area.

**Estimated Budget:**

\$250. (Subscription renewal fees, additional books, DVD's, and other related supplies)

**Evaluation:**

Borrowers and users of the library will complete an evaluation form asking whether or not the Resource Library served the needs of the project.

### **#6 Professional Development and Conferences**

**Task:**

To provide training and learning experiences through classes and conferences.

**Outcomes:**

Expanded knowledge base.

**Time Line:**

July 2008 – June 2009.

## EDUCATION AND OUTREACH PROGRAM

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2008-2009

**Location:**

Varying locations where training and conferences are offered.

**Key People/Partnerships:**

Education/Information Specialist and Communication Assistant.

**Estimated Budget:**

\$1845

**Evaluation:**

N/A

**1. Web Design Training**

\$620 (Training-\$54, Travel-\$566)

**2. North American Association for Environmental Education (NAAEE)  
Conference in Wichita, KS**

\$1065. (Travel-\$550, Conference-\$460, Membership-\$55)

**3. MORA**

\$125. Membership

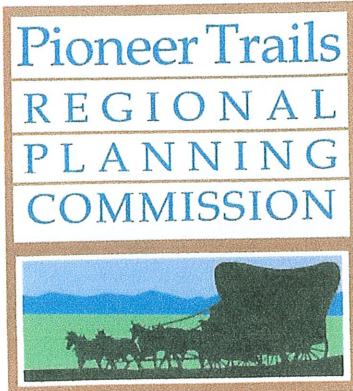
**4. MEEA**

\$35. Membership

### **#7 Supplies and Postage**

**Estimated Budget:**

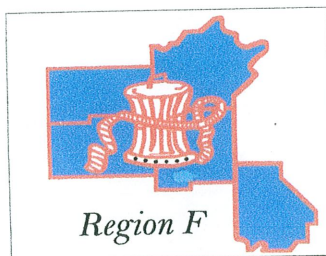
\$820. (Office supplies - \$600 and Postage - \$220)



Region F  
West Central Missouri  
Solid Waste Management District

802 S. Gordon St., Room 102  
P.O. Box 123  
Concordia, MO 64020

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Date

Name  
Organization  
Mailing Address  
City, State Zip

Dear Mr./Ms. Member city mayor:

By now you have probably have been made aware that Pioneer Trails Regional Planning Commission has accepted administration of Region F Solid Waste District from Prairie Rose Resource Conservation and Development District. Region F Solid Waste District establishes a District Council consisting of two county commissioners from each member county (Johnson, Lafayette, Morgan, Pettis, and Saline) as well as member cities of which you are one.

First, let me introduce myself. I have been a licensed Professional Engineer with the State of Missouri for 28 years. Because of this credential, Pioneer Trails can add to the services mentioned in the Associate Membership Campaign letter for FY2008-2009, the ability to perform Phase I Environmental Site Assessments. Before Pioneer Trails I served in a variety of engineering, planning and management roles at Whiteman Air Force Base – most currently as the 509<sup>th</sup> Bomb Wing Civil Engineer Squadron, Chief Engineer.

Your question, as you consider the appointment of a representative to Region F Solid Waste District Council may be: "What can Pioneer Trails and more importantly Region F do for me?" As a member city you are keenly aware of the regionalization necessary in the administration of Region F Solid Waste District through securing grants to reduce trash to our landfills. Your representation is key to this process.

Thank you for supporting Region F Solid Waste district with your membership. Feel free to contact me at 660-463-7934 if you would like additional information.

Best regards,

Randall (Randy) B. White  
Executive Director

RBW/DB

CC: Harland Mieser, Chairman Region