

Missouri SWMD District Annual Report

Member: District B - North Missouri Regional Solid Waste Management District - Region B

Year: 2014

Cycle: Fiscal Period: July 1st - June 30th

SOLID WASTE MANAGEMENT DISTRICT ANNUAL REPORT

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

Goal #1 – Contact at least two schools in our 11-county region to find out what type of waste that they have and/or produced and how they could divert some of the items from the solid waste stream. Action for #1 – The District was contacted by some of the schools this year on promoting recycling due to the letters that the District sent out to each of the fifty-one schools that are in our area on promoting Missouri Recycling Day, Earth Day, Funding Availability, etc. These letters have worked on informing our schools about important information. Goal #2 – Contact at least two businesses in our 11-county region to find out what type of waste that they have and/or produced and how they could divert some of the items from the solid waste stream. The District will work with them to start or expand their recycling efforts, with a motto to start small and get them in the habit of recycling. Action for #2 – The District has started a listing of businesses that recycle and what they recycle. This will be an ongoing goal of the District until every town has been contacted and we have a list of every business and what they recycle. Goal #3 – Compile a list of all schools in our 11 county region including what items they recycle and help educate staff and students. Action for #3 – The District applied for a grant to purchase bins, and even though we were not successful, we did purchase several smaller bins. We have distributed the bins that we have to schools for their recycling programs. The schools send reports to the District on what they have collected and how much they collected. The District has started the list, but it will take some time to talk to each school. Goal #4 – Work on an in depth list of all recycling centers listing exactly that they will collect and work with them on moving their recycling products. Action to Achieve #4 – The District has a list of the recycling centers. We are adding what they collect and the charges that may apply. Goal #5 – Work with the Missouri Department of Natural Resources on the County/City wide tire collections. Action to Achieve #5 – Ann Hamilton presented to the full board of directors, the opportunity to have a one time collection that DNR would pay for the disposal cost of the tires if they could supply the labor for the collection to load the trailers. So far there has been two counties (Chariton and Daviess) and three cities (Linneus, Mendon, and Browning) that have taken advantage of the program. Goal #6 – The district will provide residents of our district at least five special county wide collections for tires, electronics, appliances, batteries, and household hazardous waste. Action to Achieve #6 – The District did seven collections this year. Collections were held in Grundy, Daviess, Caldwell, Sullivan, Putnam, and Chariton which collected tires, electronics, appliances, batteries, and household hazardous waste. Grundy County collected tires, appliances, and batteries. Goal #7 – The district will apply for additional grants for recycling containers. Action to Achieve #7 - The District applied for a container grant but was not successful, but will continue to try. Goal #8 – The District will work with at least two cities on special event collections. Action to Achieve #8 – The District actually borrowed some recycling containers from another District to see if people would be interested in the special event recycling before applying for grant funds. This was successful. The District will write a grant to purchase the special containers for special events: including camps, fairs, carnivals, and school events. Goal #9 – The District will continue to work on diverting items that are on our Districts target list. The District has been working with public officials on setting up some kind of recycling program. This will be an extremely hard goal for our District, since there are not many recycling centers in our area. We continue to work with the recycling centers to get the items picked up or have the City/County deliver the items to the centers for sorting. Action to Achieve #9 – The planner has been working with all of the counties trying to get recycling programs started in their area. Goal #10 – Promote Recycling at the State Fair. Action to Achieve #10 – The booth highlighted items that were made from recycled items. There were recycling bins placed throughout the fair grounds to collect plastics, cans, and cardboard. Goal #11 – Implement a glass recycling program. Action to Achieve #11 – The District applied for a grant to purchase two recycling trailers and funds to build a bunker that will be used to store the glass until shipment.

1 (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.

Goal #1 – Compile a list of all schools in our 11 county region including what items they recycle and if the schools need help in recycling. Action for #1 – The District will continue to compile the list, but it will take some time to talk to each school. (Plan Implementation) Goal #2 – Work on an in depth list of all recycling centers listing exactly that they will collect and work with them on moving their recycling products. Action to Achieve #2 – The District has a list of the recycling centers and will continue to check with them on the items that they collect and fees that may apply. (Plan Implementation) Goal #3 – Work with the Missouri Department of Natural Resources on the County/City Wide tire collections. The District would like to have a collection in each of our 11 counties. Action to Achieve #3 – Currently, DNR isn't adding new

Cities or Counties until January, 2015 for collections that will be held in 2016. We have four scheduled for the Fall of 2014, including Grundy, Livingston, Sullivan, and Harrison County. (Plan Implementation) Goal #4 – The district will provide residents of our district at least five special county collections for tires, electronics, appliances, batteries, and household hazardous waste. Action to Achieve #4 – The District will apply for a banned items grant that will pay for the disposal/recycling cost related to these collections. Staff time will be charged to plan implementation. Goal #5 – The District will work with at least two cities on special event collections. Action to Achieve #5 – Even though there weren't a lot of items collected last year, with more education and posters about what to recycle at the events will help. (Plan Implementation) Goal #6 – The District will continue to work on diverting items that are on our Districts target list. Action to Achieve #6 – The District has been working with public officials on setting up some kind of recycling program in their communities. This will be an extremely hard goal for our District, since there are not many recycling centers in our area. (Plan Implementation) Goal #7 – Promote Recycling at the State Fair. Action to Achieve #7 – Region B will spend the day at the booth at the fair educating and talking to patrons about recycling in Missouri. The District wants to create a brochure/pamphlet spotlighting our District. (Plan Implementation) Goal #8 – Implementing the glass recycling program. Action to Achieve #8 – The District was awarded a grant to purchase two recycling trailers and to build a bunker that will be used to store the glass until shipment. Education of glass recycling and the partnerships have to be done. (Plan Implementation) Goal #9 – Help schools and businesses in our 11-county region identify the different types of waste that they have and/or produced and how they could divert some of the items from the solid waste stream. The District will work with them to start or expand their recycling efforts, with a motto to start small and get them in the habit of recycling and then eventually expanding their program. Action for #9 – The District will continue to send letters to the fifty-one school that are in our area promoting Missouri Recycling Day, Earth Day, Funding Availability, etc. These letters have seemed to work and we will continue to send out all important information in the future. (Plan Implementation)

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

| | GOAL: | ACTION: |
|---|---|--|
| 1 | Contact at least two schools in our 11-county region to find out what type of waste that they have and/or produced and how they could divert some of the items from the solid waste stream. | The District was contacted by some of the schools this year on promoting recycling due to the letters that the District sent out to each of the fifty-one schools that are in our area on promoting Missouri Recycling Day, Earth Day, Funding Availability, etc. These letters have worked on informing our schools about important information. |
| 2 | Contact at least two businesses in our 11-county region to find out what type of waste that they have and/or produced and how they could divert some of the items from the solid waste stream. | The District has started a listing of businesses that recycle and what they recycle. This will be an ongoing goal of the District until every town has been contacted and we have a list of every business and what they recycle. The District will work with them to start or expand their recycling efforts, with a motto to start small and get them in the habit of recycling and then eventually expanding their program. |
| 3 | The District will work with at least two cities on special event collections. | The District actually borrowed some recycling containers from another District to see if people would be interested in the special event recycling before applying for grant funds. This was successful. The District wrote a grant to purchase the special containers for special events: including camps, fairs, carnivals, and school events. |
| 4 | The District will continue to work on diverting items that are on our Districts target list. The District has been working with public officials on setting up some kind of recycling program in their communities. | The planner has been working with all of the counties trying to get recycling programs started in their area. This will be an extremely hard goal for our District, since there are not many recycling centers in our area. We continue to work with the recycling centers to get the items picked up or have the City/County deliver the items to the centers for sorting. |
| 5 | Implement a glass recycling program. | The District applied for a grant to purchase two recycling trailers and funds to build a bunker that will be used to store the glass until shipment. |

| | GOAL: | ACTION: |
|---|---|---|
| 6 | The District wanted to continue the battery and ink jet recycling program, and added cell phones and rechargeable batteries to the collections. | The District will continue to purchase containers until they have one in each City Hall and School in our 11 county region. |

2 (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?

Goal #1 – Help schools and businesses in our 11-county region identify the different types of waste that they have and/or produced and how they could divert some of the items from the solid waste stream. The District will work with them to start or expand their recycling efforts, with a motto to start small and get them in the habit of recycling and then eventually expanding their program. Action for #1 – The District will continue to send letters to the fifty-one school that are in our area promoting Missouri Recycling Day, Earth Day, Funding Availability, etc. These letters have seemed to work and we will continue to send out all important information in the future. (Plan Implementation) Goal #2 – The District will work with at least two cities on special event collections. Action to Achieve #2 –Even though there weren't a lot of items collected last year, with more education and posters about what to recycle at the events will help. (Plan Implementation) Goal #4 – The District will continue to work on diverting items that are on our Districts target list. Action to Achieve #4 – The District has been working with public officials on setting up some kind of recycling program in their communities. This will be an extremely hard goal for our District, since there are not many recycling centers in our area. (Plan Implementation) Goal #5 – Implementing the glass recycling program. Action to Achieve #5 – The District was awarded a grant to purchase two recycling trailers and to build a bunker that will be used to store the glass until shipment. Education of glass recycling and the partnerships have to be done. (Plan Implementation) Goal #6 – The District wanted to continue the battery and ink jet recycling program, and added cell phones and rechargeable batteries to the collections. Action to Achieve #6 - The District will continue to purchase containers until they have one in each City Hall and School in our 11 county region.

3 (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?

The District wants to focus on grant applications that would offer and/or continue recycling in areas where recycling isn't available, since our District has over seventy-five towns in the region and only five communities offer curb side recycling. Goal #1 – The district will provide residents of our district at least five special county wide collections for tires, electronics, appliances, batteries, and household hazardous waste. Action to Achieve #1 – The District did seven collections this year. Collections were held in Grundy, Daviess, Caldwell, Sullivan, Putnam, and Chariton which collected tires, electronics, appliances, batteries, and household hazardous waste. Grundy County collected tires, appliances, and batteries. The electronic collections accomplished by charging fees to residents for their electronics. The District has had a huge amount of televisions that were brought in to be recycled. Fees are also charged for appliances and tires. Goal #2 – The District will continue to work on diverting items that are on our Districts target list. The District has been working with public officials on setting up some kind of recycling program. This will be an extremely hard goal for our District, since there are not many recycling centers in our area. We continue to work with the recycling centers to get the items picked up or having the City/County deliver the items to the centers for sorting. Action to Achieve #2 – The planner has been working will all of the counties trying to get recycling programs started in their area. The District concentrates on paper, plastics, and aluminum that is easily recycled and transported to recycling centers, keeping them out of the landfills and conserving our natural resources. The District is working with county officials to see if they would be interested in moving a recycling trailer if there was one available to areas in their county were recycling was not available.

3 (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 District wants to focus on grant applications that would offer recycling in areas were there was no recycling available, since our District has over seventy-five towns in the region and only two offer curb side recycling. Goal #1 – The district will provide residents of our district at least five special county collections for tires, electronics, appliances, batteries, and household hazardous waste. Action to Achieve #1 – The District will apply for a banned items grant that will pay for the disposal/recycling cost related to these collections. There are many valuable metals that are in these electronics that can recycled and reused. Staff time will be charged to plan implementation. Goal #2 – The District will continue to work on diverting items that are on our Districts target list. Action to Achieve #2 – The District has been working with public officials on setting up some kind of recycling program in their communities. This will be an extremely hard goal for our District, since there are not many recycling centers in our area. The District concentrates on paper, plastics, and aluminum that is easily recycled and transported to recycling centers, keeping them out of the landfills and conserving our natural resources. The District is also working on starting a glass recycling program. This will be a tremendous benefit to the regions, but to get one started will take a lot of planning. (Plan Implementation)

4. Summarize the types of project and results during fiscal year (add additional rows if needed.)

| | PROJECT #: | NAME OF PROJECT RESULTING IN TONNAGE DIVERSION FROM LANDFILLS: | COST OF PROJECT: | NUMBER OF TONS DIVERTED: | AVERAGE COST PER TON DIVERTED: |
|----|------------|--|------------------|--------------------------|--------------------------------|
| 1 | B2010-005 | Caldwell County Recycling | 14,300.00 | 74.0460 | 193.12 |
| 2 | B2010-007 | Hope Haven Recycling Trailer | 11,800.00 | 774.5000 | 15.24 |
| 3 | B2011-004 | Chillicothe Municipal Utilites Compost Screen | 10,000.00 | 74.0000 | 135.14 |
| 4 | B2012-004 | Gilman City Recycling Bin Program | 2,000.00 | 11.8200 | 169.20 |
| 5 | B2012-005 | Unionville Recycling Bin Program | 6,518.44 | 27.3950 | 237.94 |
| 6 | B2012-006 | Chariton County Sheltered Workshop Box Van | 8,200.00 | 284.1400 | 28.86 |
| 7 | B2012-007 | Gallatin Recycling Bin Program | 6,750.00 | 0.0000 | 0.00 |
| 8 | B2012-008 | Bishop Hogan Can Recycling Bin | 1,000.00 | 0.6005 | 1,665.28 |
| 9 | B2012-009 | Region B Banned Items Grant | 24,996.19 | 58.7875 | 425.20 |
| 10 | B2012-010 | Region B Glass Recycling Project | 20,000.00 | 0.0000 | 0.00 |
| 11 | B2012-011 | Trenton Used Oil Furnace | 9,200.00 | 7.1800 | 1,281.34 |
| 12 | B2013-004 | Hope Haven Forklift | 20,000.00 | 867.7400 | 2,304.84 |
| 13 | B2013-005 | Caldwell County Recycling & Trailer | 19,741.32 | 22.4250 | 880.33 |
| 14 | B2014-003 | Region B Trailer & Scales | 5,000.00 | 0.0000 | 0.00 |
| 15 | B2014-004 | Grundy County Recycling | 3,500.00 | 3.0000 | 1,166.67 |
| 16 | B2014-005 | Special Event Recycling | 4,000.00 | 0.0000 | 0.00 |
| 17 | B2014-006 | Hope Haven Paper Shredders | 20,000.00 | 0.0000 | 0.00 |
| 18 | B2014-007 | 3 R's Start Up | 11,700.00 | 3.9175 | 2,986.60 |
| 19 | B2014-008 | Region B Banned Items Grant | 20,000.00 | 0.0000 | 0.00 |
| 20 | B2014-001 | District Operations | 18,833.82 | | |

| | PROJECT #: | NAME OF PROJECT RESULTING IN TONNAGE DIVERSION FROM LANDFILLS: | COST OF PROJECT: | NUMBER OF TONS DIVERTED: | AVERAGE COST PER TON DIVERTED: |
|----|------------|--|------------------|--------------------------|--------------------------------|
| 21 | B2014-002 | Plan Implementation | 28,666.18 | | |

5. Summarize projects not resulting in Tonnage Diversion

| | PROJECTS NOT RESULTING IN TONNAGE DIVERSION FROM LANDFILLS: | COST OF PROJECT: | MEASURABLE OUTCOMES ACHIEVED FOR THESE PROJECTS: |
|---|---|------------------|--|
| 1 | B2014-001 | 18,833.82 | Goals were met. |
| 2 | B2014-002 | 28,666.18 | Goals were met. |

6. Identify separate statistics for items banned from landfills:

| | LIST PROJECTS RESULTING IN TONNAGE DIVERSION FROM LANDFILLS: | LIST COST OF PROJECT RESULTING IN TONNAGE DIVERSION: | NUMBER OF TONS DIVERTED FROM PROJECT: | AVERAGE COST PER TON DIVERTED: | MEASURABLE OUTCOMES ACHIEVED FOR THESE PROJECTS: |
|---|--|--|---------------------------------------|--------------------------------|---|
| 1 | B2012-009 | 24,996.19 | 58.7875 | 425.20 | We had collections in all eleven counties. There were actually 13 different one day collections. |
| 2 | B2014-008 | 20,000.00 | 0.0000 | 0.00 | This project was not complete as of 6-30-2014. There was a collection held in Chariton County. Due to the fact that I hurt my back the rest of the collection events were moved to the fall of 2014, which include Grundy, Livingston, Harrison, Putnam, Mercer, Linn, and Carroll. |

7. Identify separate statistics for items NOT banned from landfills:

| | LIST PROJECTS RESULTING IN TONNAGE DIVERSION FROM LANDFILLS: | LIST COST OF PROJECT RESULTING IN TONNAGE DIVERSION: | NUMBER OF TONS DIVERTED FROM PROJECT: | AVERAGE COST PER TON DIVERTED: |
|---|--|--|---------------------------------------|--------------------------------|
| 1 | B2010-005 Caldwell County Recycling | 14,300.00 | 74.0460 | 193.12 |
| 2 | B2010-007 Hope Haven Recycling Trailer | 11,800.00 | 774.5000 | 15.24 |
| 3 | | 10,000.00 | 74.0000 | 135.14 |

| | LIST PROJECTS RESULTING IN TONNAGE DIVERSION FROM LANDFILLS: | LIST COST OF PROJECT RESULTING IN TONNAGE DIVERSION: | NUMBER OF TONS DIVERTED FROM PROJECT: | AVERAGE COST PER TON DIVERTED: |
|----|---|--|--|-----------------------------------|
| | B2011-004 Chillicothe Municipal Utilites Compost Screen | | | |
| 4 | B2012-004 Gilman City Recycling Bin Program | 2,000.00 | 11.8200 | 169.20 |
| 5 | B2012-005 Unionville Recycling Bin Program | 6,518.44 | 27.3950 | 237.94 |
| 6 | B2012-006 Chariton County Sheltered Workshop Box Van | 8,200.00 | 284.1400 | 28.86 |
| 7 | B2012-007 Gallatin Recycling Bin Program | 1,000.00 | 0.0000 | 0.00 |
| 8 | B2012-008 Bishop Hogan Can Recycling Bin | 6,750.00 | 0.6005 | 1,665.28 |
| 9 | B2012-010 Region B Glass Recycling | 15,795.00 | 0.0000 | 0.00 |
| 10 | B2012-011 Trenton Used Oil Furnace | 9,200.00 | 7.1800 | 1,281.34 |
| 11 | B2013-004 High Hope Forklift | 20,000.00 | 867.7400 | 2,304.84 |
| 12 | B2013-005 Caldwell County Recycling & Trailer | 19,741.32 | 22.4250 | 880.33 |
| 13 | B2014-003 Region B Trailer & Scales | 5,000.00 | 0.0000 | |
| 14 | B2014-004 Grundy County Recycling | 3,500.00 | 3.0000 | 1,166.67 |
| 15 | B2014-005 Special Event Recycling | 4,000.00 | 0.0000 | |
| 16 | B2014-006 Hope Haven Paper Shredders | 20,000.00 | 0.0000 | |
| 17 | B2014-007 3 R's Start Up | 11,700.00 | 3.9175 | 2,986.60 |

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

The NMSWMD Executive Board evaluates each proposal that is determined to be eligible and complete. The evaluation method will include the following evaluation criteria as appropriate per project category: 1. Conformance with the integrated solid waste management hierarchy as described in the Missouri Policy on Resource Recovery. No grant funds will be made available for incineration without energy recovery or solid waste disposal. (10 CSR 80-9.050); 2. Conformance with the District Targeted Materials List; 3. Degree to which the project contributes to community-based economic development; 4. Degree to which the funding to the project will adversely affect existing private entities in the market segment; 5. Degree to which the project promotes waste reduction or recycling or results in an environmental benefit related to solid waste management through the proposed process; 6. Demonstrated cooperative efforts through a public-private partnership or among political subdivisions ; 7. Compliance with federal, state or local requirements; 8. Transferability of results; 9. The need for the information; 10. Technical ability of the applicant; 11. Managerial ability of the applicant; 12. Ability to implement in a timely manner; 13. Technical feasibility; 14. Availability of feedstock; 15. Level of commitment for financing; 16. Type of contribution by applicant; 17. Effectiveness of marketing strategy; 18. Quality of budget; 19. Selected financial ratios; 20. Timeliness of quarterly status reports; and 21. Project based in the 11-county

district of Region B.

Attached to the report is the actual form that the District uses.

Upload File:

NMSWMD SOLID WASTE MANAGEMENT DISTRICT Attachment to Annual Report.docx *Maximum of 5 mb file size*

District comments

DNR Comments:

Response created on Nov 3, 2014 at 10:47 AM CST by ann@ghrpc.org

Response last updated on Nov 13, 2014 at 01:28 PM CST by ann@ghrpc.org

