

MISSOURI SWMD DISTRICT ANNUAL REPORT

FISCAL PERIOD: JULY 1ST - (PREVIOUS YEAR) TO JUNE 30TH - (CURRENT YEAR) | 2019

District S - Bootheel Solid Waste Management District

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?

For FY2019, the District wanted to increase public awareness and support educational programming aimed at waste reduction, reuse, and recycling. The District worked alongside cities/counties and sheltered workshops to promote diversion of waste from landfills. The Education Specialist met with 380 fourth grade students and 17 teachers/staff in 7 schools and 4 of 6 counties about the benefits.

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.

For FY2020, the District will continue to promote awareness and support for educational programming aimed at waste reduction, reuse, and recycling toward the MORA goal of 75%. The Education Specialist will expand the project to include 2nd and 4th grade students to broaden the coverage. She will strive to present to 2 citizen groups and at least 500 students in 22 classes and more of the counties who have not expressed any interest. The District will participate in the initiation of a Product Stewardship Council for the state of Missouri to address paints, mattresses, pharmaceuticals, and other products.

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 | 1. Seek to extend the life of community recycling equipment by repairing and maintaining them within the communities. | 1. The District funded sandblasting and repairing of 2 recycle trailers in Malden. |
| 2 | 2. Increase tonnages of electronics diverted from landfills. | 2. The District funded 8 recycle days in 6 cities and 4 counties and diverted 25.199 tons of electronics. |
| 3 | 3. Increase public awareness and support educational programming on waste reduction, reuse, and recycling. | 3. The District Board continues to support education as one of the primary goals by staffing an Education Specialist, retired teacher, who served 380 students and 17 teachers/staff in 7 schools in 4 of our 6 counties. She provided hands-on experiences for students and sent home projects and supplies promoting recycling. |
| 4 | 4. At least maintain tonnages diverted from landfills hindered by the increased number of stores baling their own cardboard and the reduction of daily newsprint. | 4. The District has and always will support the communities and sheltered workshops in recycling. The workshops do a great job with recycling and adding additional items to be recycled as they become available. They collect items from all across the Bootheel District. |
| 5 | 5. Increased interest in diverting textiles from landfills while promoting the collection and baling by area sheltered workshops. | 5. The District supported workshops in the collection and baling of textiles. |

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?

For FY2020 the District will: 1. Seek to extend the life of community recycling equipment by funding the repair and maintenance grant project and notifying communities of the grant (Plan Implementation); 2. Fund the increase from 25.199 tons of electronics diverted from landfills by increasing the contact with strategic locations across the District to host Recycle Day events (Plan Implementation); 3. Increase public awareness and support educational programming on waste reduction, reuse, and recycle to 2 citizen groups and at least 500 second and fourth grade students in 22 classes. The Planner, retired principal, will make efforts to contact area schools with his influence (Plan Implementation); 4. The District will at least maintain tonnages diverted from landfills hindered by the increased number of stores baling their own cardboard and the reduction of daily newsprint. The District has and always will support the communities and sheltered workshops in recycling. The workshops do a great job with recycling and adding additional items to be recycled as they become available. They collect items from all across the Bootheel District. The District will contact other businesses to solicit participation in recycling; 5. The District will endeavor to increase interest in diverting textiles from landfills while promoting the collection and baling through area sheltered workshops by networking with

businesses across our communities. The types of grant proposals that the District will seek in meeting these goals are those addressing the recycling of items on the materials list and textiles. In the coming fiscal year we would like to also engage with the Product Stewardship Council and focus on products such as paints, mattresses, pharmaceuticals, and other products.

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

The goals in the past fiscal year were not really related to resource recovery of wastes to create valuable products as new outputs. With that said, wastes such as plastic, paper, aluminum, glass, metals, and other products have been diverted from landfills through recycling efforts in trailers and bins across the Bootheel where they are collecting and delivering items to sheltered workshops for recycling. Three sheltered workshops in our District received grants to fund personnel in recycling. Two of the other three grants funded community recycling efforts that supplied the workshops with waste to be recycled. The other grant funded a glass crusher where waste was used as filler around driveway culverts and horns and covered with asphalt which takes the place of other natural resource consumption.

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 thee goals? Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

The District will continue supporting the sheltered workshops' efforts to divert waste products from landfills and recycle them into useful products that will lessen the need of using raw materials in the manufacturing process. We intend to continue the collection of electronics with MRC as the source of recycling byproducts back upstream. Another goal is to refurbish recycle equipment which will prolong the need of replacement of such items.

4. Summarize the types of projects and results during the fiscal year, including previous fiscal years as part of the 5 year reporting. (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 | S2019-002 | District Wide E-Waste | 18,000.00 | 25.1990 | 714.31 |
| 2 | S2019-003 | Pemiscot Progressive Industries Workshop | 44,577.60 | 556.1165 | 80.16 |
| 3 | S2019-004 | Scott County Recycling | 10,248.00 | 2.7300 | 3,753.85 |
| 4 | S2019-005 | Dexter Glass Recycle | 2,938.00 | 13.7200 | 214.14 |
| 5 | S2019-006 | Portageville Recycling | 6,610.00 | 32.5245 | 203.23 |
| 6 | S2019-007 | Cotton Boll Sheltered Workshop Recycling | 45,200.00 | 594.5070 | 76.03 |
| 7 | S2019-008 | Stoddard County Recycling | 45,000.00 | 273.3160 | 164.64 |
| 8 | S2018-007 | Pemiscot Shredder | 18,267.00 | 4.3570 | 4,192.56 |
| 9 | S2016-006 | Campbell Recycling Trailer Program | 11,400.00 | 4.9415 | 2,306.99 |
| 10 | S2015-006 | Mississippi County Mobile Recycling Transfer Station Project | 19,998.00 | 10.3045 | 1,940.71 |
| 11 | S2014-006 | Cotton Boll Sheltered Workshop Recycling Program | 14,385.00 | 120.9240 | 118.96 |
| 12 | S2014-007 | Dunklin Recycling | 16,245.00 | | |
| 13 | S2014-009 | 2014 City of Chaffee Recycling Trailer Grant | 8,875.00 | 0.0000 | |
| 14 | S2014-010 | Oran Jaycee Recycling | 8,875.00 | 19.3370 | 458.96 |

5. Summarize projects not resulting in Tonnage Diversion

| | LIST PROJECTS BY NUMBER AND NAME NOT RESULTING IN TONNAGE DIVERSION FROM LANDFILLS. | COST OF PROJECT: | MEASURABLE OUTCOMES ACHIEVED FOR THESE PROJECTS: |
|---|---|------------------|---|
| 1 | S2019-001 District Operations | 34,000.00 | The District met goals by funding wages of 4 DO staff members and mileage for planner to attend SWAB meetings in Jefferson City. |
| 2 | S2019-002 Plan Implementation | 33,675.33 | The District was successful in administering PI projects. The Education project promoted reduce, reuse, and recycle in serving 380 fourth grade students and 17 teachers in 7 schools located in 4 of our 6 counties. The Equipment project repaired/maintained 2 trailers in Malden. |
| 3 | S2014-009 2014 City of Chaffee Recycling Trailer Grant | 8,875.00 | The Chaffee recycling trailers were taken out of circulation in March 2018 because they no longer had a feasible place that would take their recyclables. Therefore, their number of tons diverted was zero. |

6. Identify separate statistics for items banned from landfills:

| | LIST PROJECTS BY NUMBER AND NAME 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: |
|--|---|--|---------------------------------------|--------------------------------|--|
|--|---|--|---------------------------------------|--------------------------------|--|

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

| | LIST PROJECTS BY NUMBER AND NAME 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: |
|--|---|--|---------------------------------------|--------------------------------|
|--|---|--|---------------------------------------|--------------------------------|

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

The District Executive Board reviews and approves any changes to the grant application packet and the scoring sheet made up of criteria from the 19 points found in the MDNR District Grant Rule. Once the grant call is authorized, notice is emailed to all 6 county clerks and the city clerk of every city over 500 population; published in at least one newspaper of record in each county and two daily newspapers; and posted on the BRPC website and Facebook page. Applications are made available on the website and sent out by request. The District Planner reviews the applications for completeness and allows applicants the opportunity to revise before the deadline. Before scoring the applications the District Planner presents to the Board options of the funds available from the MDNR. Depending on the amount available, the Board decides if they can fund all the projects or must partially fund some. Applications are presented to the Board members in open session where they score each of them except the ones from their county. Most projects are repeats and the Board members know the history of most applicants and who submits good applications and reports in a timely manner. On new applications the Board reviews the application closely and ask questions if they have any. In the future we are inviting applicants to personally present their project before it is scored. Once completed score sheets are handed to the District Planner who compiles and averages them and lists projects from highest to lowest score. The Board authorizes full, partial, or no funding for projects by voting on each one individually unless they are abstaining. Upon official vote, determination of each applicant is established dependent on the award amount. The results, applications, and other required forms are entered into Re-TRAC for approval. Once approved FAAs are developed accordingly, signed by appropriate parties, and uploaded into Re-TRAC.

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Check:

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6. Board and Council Members

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District comments

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DNR Comments:

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