

**MISSOURI SOLID WASTE MANAGEMENT DISTRICT "O"
ANNUAL REPORT
2010-2011**

Prepared by: Robert C. Hamilton, District Planner

District "O" Service Region and Membership

The District "O" service region consists of Christian, Dallas, Greene, Polk, and Webster counties in Southwest Missouri, and has a 2010 Census population of 436,712, which is an increase of 15.6% from the 2000 Census. The district covers an area of 3,015 square miles and has twenty-two incorporated cities with a population of over 500. Those cities are: Ash Grove, Battlefield, Billings, Bolivar, Buffalo, Clever, Fair Grove, Fremont Hills, Fordland, Highlandville, Humansville, Marshfield, Nixa, Ozark, Republic, Rogersville, Seymour, Sparta, Springfield, Strafford, Walnut Grove, and Willard. Twenty cities and the five counties within the service region are District "O" members. The population of the two remaining cities, Fremont Hills and Highlandville, increased to over 500 in the last census and they have not yet joined. District "O" charges no membership fees.

Formation and Funding of District

Missouri Solid Waste Management Region District "O" was officially recognized by the Missouri Department of Natural Resources (DNR) in May 1992. In July and August of that year, the District received two checks from DNR totaling \$90,000.00. This was in accordance with Missouri Rule 10CSR 80-9:010, which is the Rule for Planning and Organization Grants from the DNR Solid Waste Management Fund. This was the initial funding for the District. Since that time, District "O" applied for, and received, DNR Administrative Grants of \$20,000.00 each year through 2004, which was the maximum allowed. Beginning in 2000 District "O" began to receive "Plan Implementation Grants" to supplement the \$20,000.00 Administrative Grants. Since its inception District "O" has received a total of \$3,289,034.00 from DNR.

The total of the 1992 Planning and Organization Grants, the ten Administrative Grants received through 2004, the 2000 through 2004 Plan Implementation Grants, and the five Operations Grants from 2005 through June 30, 2011 is \$842,906.00. This is the total amount of funds District "O" has received for administration and plan implementation since the inception of the district. This is 25.6% of the total funds received from DNR. Of the remaining 74.4% (\$2,446,128.00) it has been awarded as District Grants through 2010, or has been approved by the District "O" Executive Board for 2011 District Grants. The approved 2011 District Grant applications are awaiting final approval by DNR.

Comprehensive Solid Waste Management Plan

In November 1992, District "O" contracted with Michael Duffy to develop the District "O" Comprehensive Solid Waste Management Plan. The Plan was completed and submitted to DNR in November 1993. Each District "O" member has a copy of the Plan and additional copies are available through District "O". In 1996, DNR decreed that each Solid Waste District construct a District Wide Solid Waste Assessment every two years. This assessment also serves as an update for the Comprehensive Solid Waste Management Plan.

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SWMP OPERATIONS

Structure of District Executive Board

District "O" is governed by an Executive Board whose composition and duties are defined in the District "O" Rules of Procedure adopted April 27, 1993, and last modified May 18, 2007. A copy of the District "O" Rules of Procedure is attached. Greene County, because of its' population, is represented by two board members, and the remaining four counties each have one board member. In 1996, the City of Springfield joined District "O" and has two representatives on the board. The Executive Board's present members and alternates are:

Officers:

Chair: Greene County Administrator Tim Smith
Vice Chair: Greene County Presiding Commissioner Jim Viebrock
Treasurer: Barbara Lucks, City of Springfield Material Recovery Specialist

Board Members:

Alternates:

Christian County:	Commissioner Lou Lapaglia	Commissioner Tom Huff Commissioner Bill Barnett
Dallas County:	Commissioner Kevin Sharpe	Commissioner Kenneth Bacon Commissioner Pete Barclay
Greene County:	County Administrator Tim Smith Commissioner Jim Viebrock	Commissioner Harold Bengsch Commissioner Roseann Bentley
Polk County:	Commissioner Denzil Roberts	Commissioner Billy Dryer Donnie Lipe
Webster County:	Commissioner Paul Ipock	Commissioner Denzil Young David Dougherty
City of Springfield:	Council Member Dan Chiles Council Member Scott Bailes	Barbara Lucks

Staffing:

Current District "O" staff:
Robert Hamilton, Planner
Ronda Gulley, Associate Planner

The Executive Board meets monthly. The Board has developed a Mission Statement and a set of Goals. Each year, Program Objectives are set for each Goal. An Annual Report is prepared by staff and presented to the Executive Board each year. The District also prepares a Line Item Budget each year, which is submitted to the Executive Board for approval.

The Mission Statement, Goals, and Fiscal Year 2010-2011 Objectives (Attachment A), and the FY 2010-2011 Line Item Budget and expenditures (Attachment B) are attached to this report.

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SWMP OPERATIONS

District “O” Solid Waste Advisory Board:

The Steering Committee of the Springfield Chapter of Choose Environmental Excellence (CEE) serves as the District “O” Solid Waste Advisory Board. The Steering Committee meets quarterly. A list of members is attached to this report (Attachment C).

Greene County and the City of Springfield’s Contributions to District “O”:

Greene County. Jim Bresee, Greene County Director of Resource Management, served as the Chairperson of District “O” from the District’s formation in 1992 until he retired in June 2000. Timothy Smith, the current Director of Greene County Resource Management has served as the District Chairperson since June 2000. Both Mr. Bresee and Mr. Smith have devoted many hours to District “O” including attending monthly Missouri Solid Waste Advisory Board (SWAB) meetings in Jefferson City, preparing the agenda and chairing monthly Executive Board meetings, supervising staff, and overseeing all District “O” programs and services. Greene County also provides the District office space and utilities at no cost to the District.

City of Springfield. Springfield has provided, and continues to provide valuable support in many areas including procuring markets for collected material, educational programs, hazardous waste projects, and technical expertise in solid waste management and reduction.

DISTRICT GRANT PROGRAM

One of District “O”’s primary services is the District Grant Program. Each Waste District is given an annual appropriation for District Grants. From the inception of the solid waste districts through August 27, 2005 each district’s annual appropriation was based 100% on a percentage of Tipping Fees collected at landfills, or Transfer Stations for Solid Waste exported to other states, with a minimum appropriation of \$45,000.00. District “O”’s appropriation was determined by tipping fees collected at the Springfield Landfill.

Senate Bill 225 changed this formula, effective August 28, 2005. The formula is now based upon Tipping Fees collected in the district (60%) and District Population (40%) Since 1996, this has increased District “O”’s annual appropriation by approximately 90%.

In 2009, the City of Springfield entered into an agreement with the District’s two largest waste haulers, which significantly increases Springfield Landfill tonnage, and this increased tonnage will increase our annual appropriation. The agreement has been phased in and, although the present economic recession has reduced landfill tonnage, particularly construction waste, statewide, the Springfield Landfill has shown an increase in tonnage since the agreement with the waste haulers. This is because the agreement specifies the haulers will bring a set number of tons, not a percentage of their collected tonnage, to the Springfield Landfill.

District “O”’s most recent available Quarterly Allocations from DNR (1st, 2nd, and 3rd Q. 2011) total \$239,441.00, compared to \$198,881.00 during the same period last year. This is an increase of \$40,560.00 or 20.3%.

DNR reports each district’s appropriation on a quarterly basis. If districts desire, they may hold more than one grant call per year. The District “O” Executive Board voted unanimously to continue with one grant call per year. District “O” funds for 2011 Grants, including our Operations Grant, was \$380,017.30. This figure was made up of the following:

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SWMP OPERATIONS

DNR Appropriations:	
1 st Quarter FY 2010 Balance at DNR:	43,686.70
2 nd Quarter FY 2010:	69,924.00
3 rd Quarter FY 2010:	63,213.00
4 th Quarter FY 2010:	63,453.00
1 st Quarter FY 2011:	76,982.00
2 nd Quarter FY 2011 Partial Draw:	31,643.19
Balance from closed and cancelled grants:	31,115.41

Total Available Funds for 2011 District Grants: \$380,017.30

Since 1994, District "O" has awarded 122 grants totaling \$3,141,700.83. This figure is greater than the district total appropriation because it includes funds which were awarded for cancelled projects, funds left over from completed projects, project income, and interest income, which were again awarded for district grants.

The average grant awarded by District "O" is \$25,751.64.

2011 District Grants:

On February 22, 2011 the District "O" Executive Board approved the District's Operations Grant and 11 other District Grants.

The following is a summary of the 11 approved district grants. With the exception of the District Operations Grant, all are awaiting final approval by DNR.

District Operations Grant. \$112,500.00

Solid Waste District "O" (Plan Implementation Grant)

Name of Project: Household Hazardous Waste Collection (HHW)

Amount Requested: \$39,692.40

This is a proposal to conduct a 12 month pilot project to manage collection of District "O" Household Hazardous Waste (HHW) by giving District "O" residents in Christian, Dallas, Polk, and Webster Counties access to a Household Chemical Collection Center (HCCC) similar to the City of Springfield's Household Chemical Collection Center. The costs are based on the average per capita cost of Springfield's HCCC the past three years and applying it to the population of the above listed four District "O" counties.

Applicant: Springfield, City of.

Name of Project: Glass Recycling Bunker.

Amount Requested: \$29,760.00

The City of Springfield has entered into an agreement with Ripple Glass, Kansas City which establishes a market for glass collected by Springfield and all cities and counties in District "O." This proposal is to fund the construction of a fenced glass storage bunker for the City of Springfield. All glass collected by Springfield and all cities and counties in District "O" will be taken to the bunker. It will be picked up by Ripple Glass at no cost to Springfield. Ripple will transport it to Kansas City where it will be processed, sold to Dow Corning, and used as feed stock to manufacture fiberglass insulation. Springfield has had six prior District "O" grants totaling \$89,926.00.

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Applicant: Drury University
Name of Project: Zero Waste O'Reilly Family Event Center
Amount Requested: \$12,319.85

This is a proposal to continue the development of, and a public relations campaign for, converting the campus O'Reilly Family Event Center to a "Zero Waste Facility," by recovering and recycling, and/or composting, 98% of the waste generated at the center. Budget is for 5 additional recycling containers (\$2,939.85), Video Production fees (\$5,000.00), Printing and Signage \$750.00), "Incentive Gifts" (\$750.00) and a fee for a Student Intern who will operate the project (\$2,880.00 [350 hours at \$8.00 per hour]). Drury has had two prior District "O" grants totaling \$32,400.00.

Applicant: Missouri Department of Transportation, Springfield.
Name of Project: MoDOT Springfield Recycling Site.
Amount Requested: \$11,550.00

MoDOT operates a recycling program at their facility on East Kearny in Springfield currently using a 10cubicyard trailer on loan from the City of Willard, which will be replaced by a trailer, purchased with a 2010 District "O" Grant, which is on order. The MoDOT program serves as a recycling drop-off for 150 MoDot employees and is open for surrounding residents and businesses. This is a request for an 18 cubic yard capacity trailer which will be used for collecting glass. When full, MoDOT will transport it to the City of Springfield's Glass Recycling Bunker. MoDot has had one prior District "O" grant in 2010 for \$17,350.00.

Applicant: Victory Mission, Springfield
Name of Project: Route Truck for Recycled Material Pickup
Amount Requested: \$23,950.00

Five days per week Victory Mission runs four box trucks for recycled material pickup in the Springfield area. Materials include textiles, major appliances, scrap metal, cardboard, books, paper, toys, purses, belts, and shoes. For much of this material, Victory Mission is the primary recycler in the Springfield area. Since November 2010, one of the four box trucks is no longer running and is not worth the expense of the major repairs required to make it operational. This reduces their fleet to three trucks and makes it difficult to service all routes. Victory Mission is requesting \$23,950.00 to purchase a used box truck to bring their fleet back up to four trucks. Victory Mission has received one prior District "O" grant, \$42,570.00 in 2008 for the purchase of a baler and a forklift.

Applicant: Web-Co Custom Industries, Inc.
Name of Project: Recycling Trailers.
Amount Requested: \$47,400.00.

Web-Co Custom Industries is a sheltered workshop for persons with disabilities. Web-Co took over recycling from Webster County in July 2009 and now operates the Warren Beck Memorial Recycling Processing Center in Marshfield, the Seymour Center, and services the Rogersville Recycling Center. This proposal is to purchase four recycling trailers; two for plastic and metal and two for cardboard. One of each type would be placed in Niangua to establish recycling in the City of Niangua, one for plastic and metal would be used to upgrade the Seymour Center, and one cardboard center would be used to upgrade the Rogersville Recycling Center. Web-CO has had no prior District "O" grants.

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Applicant: Computer Recycling Center (CRC), Springfield
Name of Project: Free Recycling Postcard
Amount Requested: \$2,860.00

A proposal to print and mail 4,000 postcards to businesses, organizations, and municipalities within District "O" advising them of the E-waste CRC will accept at no charge. CRC has had 10 prior District "O" grants totaling \$104,058.53.

Applicant: Habitat For Humanity, Springfield, MO
Name of Project: "Recycle for Homes" Recycling Center
Amount Requested: \$33,218.00

Proposal to construct a recycling drop-off center at ReStore, 2410 South Scenic, and several remote drop-off bins around for various material. The application states this will help fill the void created by the closing of Springfield's College Street Recycling Center. Habitat has received two District "O" Grants: \$19,500.00 in 2001 for a forklift purchase and \$37,137.55 in 2009 to purchase a box truck.

Applicant: Ash Grove, City of.
Name of Project: Ash Grove Recycling Center.
Amount Requested: \$20,464.00

Project is to construct a recycling center in Ash Grove. Nestle Purina PetCare presently has a paper collection bin in Ash Grove. For several years Ash Grove had a recycle collection bin set up and serviced by a waste hauler. The bin was in an open area and was not staffed. This was attempted twice over the years and both times the bin had to be removed because of contamination. This proposal is to purchase a recycling trailer (\$14,664.00) for collecting Aluminum, ferrous metal, plastic, and cardboard; and the purchase and installation of fencing and two 10 foot roll gates to enclose the center (\$5,800.00, which includes 10% for anticipated steel price increases). Nestle Purina would move their bin inside the fence and would continue to collect paper. Ash Grove has had no prior district "O" grants.

Applicant: Missouri State University, Springfield.
Name of Project: Upgrade and Fence Recycling Stations at MSU.
Amount Requested: \$20,546.05

Missouri State University has established recycling stations throughout the campus. This was funded by two District "O" Grants. This proposal is to improve the program by upgrading and fencing the 12 recycling stations. MSU has had two prior District "O" Grants totaling \$33,775.78

**The Evaluation Committee recommends four Line Items, totaling \$2,361.19 for "Overhead," Profit," "Bond," and "Contingency," which do not meet DNR SWMP General Terms and Conditions, be deleted from this grant application's budget. This will reduce the application to \$20,546.05.*

Applicant: Urban District Alliance (UDA), Springfield
Name of Project: Springfield Downtown glass Recycling
Amount Requested: \$25,757.00

Proposal is for the expansion and continuation of UDA's glass recycling program, collecting and recycling glass bottles from central Springfield restaurants and taverns. Request is to fund a contractor to pick up the collected glass (\$22,880.00 for 52 weeks), 40 additional recycling containers to allow for continued program expansion (\$1,400.00), a desktop computer to manage the project (\$677.00), and publicity and promotional material (\$800.00). UDA has two prior grants; \$19,140.00 in 2006 to initiate this project, and \$32,520.00 in 2009 for project operation and expansion.

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1994 through 2011 District Grants were awarded for the following:

Year	City/County Recycling	Hazardous Waste	Private Recycling Processing	Business Waste Reduction	Education	Dist. Ops.
1994	\$60,700.00	0	\$173,752.00	\$63,000.00	\$12,100.00	0
1995	40,500.00	0	0	1,246.26	0	0
1996	0	0	88,760.74	59,280.00	0	0
1997	103,625.00	0	0	0	0	0
1998	90,212.00	0	0	1,269.60	0	0
1999	55,674.00	0	0	0	9,304.24	0
2000	41,600.00	0	0	0	840.00	20,000.00
2001	41,770.00	0	31,000.00	0	11,500.00	25,000.00
2002	26,790.00	40,450.00	0	0	0	28,000.00
2003	31,235.00	0	43,597.00	0	0	31,400.00
2004	39,169.00	39,000.00	19,000.00	0	0	35,763.00
2005	0	26,000.00	9,825.00	0	12,800.00	*55,560.00
2006	90,688.67	0	36,063.42	0	6,100.00	74,645
2007	87,741.21	26,000.00	139,215.56	17,922.76	0	71,585.00
2008	51,142.80	0	155,164.34	0	0	98,084.00
2009	25,917.35	0	149,245.48	0	2,960.00	105,978.00
2010	86,349.42	0	81,645.00	13,390.00	46,350.00	104,000.00
Totals:	\$873,114.45	\$131,450.00	\$927,268.54	\$142,718.62	\$101,954.24	\$650,015.00
Percentage:	30.88%	4.65%	32.81%	5.05%	3.61%	23.00%

City/County Recycling Grants.

The City and County Recycling Grants represent 31.83% of TOTAL District "O" Grants since the inception of the district and have proven very successful. Thirteen Community Recycling Drop-Off Centers and five mobile recycling drop-off centers were established with District "O" Grants. All are currently in operation. Those centers, and the grants which established, them are:

Christian County. Ozark Center and five mobile recycling centers. Four grants totaling \$60,900.00. Center opened and mobile centers became operational in 1997.

Fair Grove. Fair Grove Recycling Center. \$18,500.00 Grant. Opened in 1998.

Polk County. Bolivar and Humansville Centers. Five grants totaling \$102,322.00. Bolivar opened in 1998, Humansville in 2000.

City of Marshfield. Two grants totaling \$22,095.50.

City of Republic. Republic Recycling Center. Two grants totaling \$40,569.00. Opened in 2005.

City of Rogersville. Rogersville Recycling Center. Four grants totaling \$19,013. Opened in 2007.

City of Strafford. Strafford Recycling Center. \$12,000.00 Grant. Opened in 1999.

Webster County. Marshfield and Seymour Centers. Five grants totaling \$133,494.67. Marshfield and Seymour opened in 1996.

City of Willard. Willard Recycling Center. Two grants totaling \$37,890.00

Springfield, Central Street Recycling Coalition, operated by Drury University. \$11,698.00 grant in 2008 to establish a recycling drop-off center in the central Springfield area.

Missouri State University, Springfield. Three grants totaling \$46,913.63 in 2008, 2009, and 2010 for campus, dormitory, and special event recycling.

Missouri Department of Transportation, Springfield. One grant of \$17,350.00

Cox Health Care, Springfield. A \$10,137.85 to funds recycling programs at both Cox North and Cox South hospitals.

All the above listed recycling centers used District Grants as start up money and District "O" provided technical support in system design, equipment specifications and procurement, staffing, and grant management. The centers are now operated by the city or county. Additionally, recycling center operations in three other District "O" cities, while not started with District "O" Grants, have been supported with grants and technical support. Those are:

City of Springfield Recycling Centers and Household Chemical Collection Center. Four grants totaling \$68,281.00.

City of Buffalo Recycling Center. Two grants totaling \$27,400.00. This recycling center is operated jointly by Buffalo and Dallas County.

City of Nixa Recycling Center. Two grants totaling \$75,820.00.

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SWMP OPERATIONS

City/County Yard Waste Grants

Yard Waste management grants have not been a high priority with District "O". However, state law banning yard waste from landfills has placed the burden for managing this waste directly on cities and counties. District "O" has funded three Yard Waste Management Grants totaling \$56,574.00:

- Nixa Composting Facility. 1998 \$26,700.00 grant.
- Marshfield. Wood Chipper purchase. 1999 \$19,674.00 grant.
- Seymour. Wood Chipper purchase. 2000 \$10,200.00 grant.

In 2006, the District "O" Executive Board established a policy that each year the board would establish a maximum amount of grant funds that could be awarded to yard waste grants. The policy also requires a 50% cash match for each yard waste grant. No funds were earmarked for yard waste grants for the 2009 district grant cycle.

Private Recycling Processor Grants.

Private Recycling Processor Grants have shown the largest percentage of growth of any category of any District Grant. Initially the district's main emphasis was on City/County Recycling Centers to reach the objective of all District "O" residents having access to a recycling drop-off center within 20 miles. From the inception of the district through 1996 City/County Recycling center were awarded 37.69% of district grant funds, and Private Recycling Processors 28.74%. The past four years Recycling Processors have received \$515,976.00, or 71.28% of District "O" Grants. The reason is that we are placing more emphasis on developing and maintaining markets for collected material. District Grants for Private Recycling and Recycled Material Processing have been awarded to six recycling processors:

Computer Recycling Center. Located in Springfield, the Computer Recycling Center is one of the largest electronics waste recycling processor in Missouri and has received ten District Grants. Those are; a 2004 grant of 19,000 to purchase a van for mobile collections, two 2005 grants totaling \$20,744 for a fork lift and a commercial scale, two 2006 grants for fans, pallet jacks, and an educational mailing totaling 6,263.42, three 2007 grants for a shredder, conveyer, and educational mailings totaling 52,374.53, and two 2009 grants for a Styrofoam shredder and an educational program, totaling \$11,910.

Fiber Management. A full service recycling processor located in Republic. Fiber Management has received a 2007 grant of \$46,294.45 to partially fund the purchase of a large commercial shredder to reduce the volume and shipping costs of low grade recyclable material, a 2008 grant of \$30,000.00 for office paper recycling, and a 2010 grant of \$46,350.00 for a dual piston compactor and recycling bins to implement a recycling program at John Q. Hammons Stadium for Springfield Cardinals Minor League baseball games and other events at the stadium.

Greenway Recycling (formerly Green Country Recycling). Greenway Recycling is a large recycling processor with sites located in Fordland and Springfield. Greenway presently processes and markets more than 35,000 tons of recyclable material per year, for additional information see the "Recycling Processors" later in this report. Greenway received a 1994 District Grant of \$75,000 for a baler and a roll off truck. As described on page seven, in 1998 they were awarded the baler which had been purchased by Lites in Motion. In 2003 Greenway was awarded an \$18,780.00 Grant to partially fund a new small business recycled office paper collection program. Additional grants for office paper and cardboard recycling totaling \$25,280 were award in 2006 and 2007.

Meredith Recycling. Received a 2005 District Grant to purchase containers for a new appliance recycling project in Polk County.

Nestle Purina PetCare: Nestle Purina PetCare, formerly CanBrands, makes cat litter from recycled paper. They use most types of paper and it does not have to be sorted. They received a 2003 Grant of \$14,897.00 and a 2007 Grant of \$19,500.00. Both were used to purchase large recycling containers to be placed at recycling centers in District "O."

Lites in Motion. District Grants of \$98,752.00 in 1994 and \$88,760.74 in 1996 were awarded to Lites in Motion, Bolivar. This is the most grant funds awarded to one recipient. Lites in Motion was an ambitious recycling drop-off, curbside pick up, and processing operation serving Polk County, which had no other recycling facilities at that time. The operation was started by Baker Management, a non profit corporation in Bolivar, which specializes in residential health care. The \$187,512.74 was for equipment including a bailer, two trucks, and a skid loader.

On September 01, 1997, after two years of full operation, Lites in Motion ceased operation. District "O" still had a security interest in the horizontal baler, two trucks, and a skid loader as all were purchased with District Grant funds. The district took possession of the equipment on September 01.

The two trucks were advertised, sealed bids were requested, and were sold to the highest bidder. The proceeds were added to the District "O" 1998 District Grant Appropriation. The horizontal baler was awarded as a 1998 District Grant to Greenway Recycling, Fordland, and is still in service there. The skid loader was awarded to the City of Springfield as a 1998 District Grant. In 2000 Springfield stated the skid loader did not meet their needs and returned it to District "O". The District's security interest had expired and the Executive Board voted to give it to the Bolivar Recycling Center.

Business Waste Reduction Grants

District "O" has awarded four Business Waste Reduction Grants:

Battlefield Mall, Springfield. 2010 grant of \$13,390.00 for plastic recycling containers in the large Battlefield Mall shopping center.

Dan's Diaper Service. Received a 1994 Grant of \$63,000.00 and a 1996 Grant of \$59,280.00 for a total of \$122,280.00, which is the second largest amount awarded to one applicant. Dan's Diaper Service was located in Republic. They operated a reusable cloth diaper service, much like the services which were very common before the advent of disposable diapers. They diverted many tons of disposable diapers from the landfill. However in 1998 they introduced a "biodegradable disposable diaper" which they marketed to their clients for use when traveling. Later that year they moved the business to Marionville which is in Solid Waste District N.

Mail Boxes Etc. Received a 1995 \$1,246.26 grant for recycling Styrofoam. Grant was for a machine which makes Styrofoam shipping "peanuts" from scrap Styrofoam.

Pac'N'Mail. Received a 1998 \$1,690.60 for a Styrofoam recycling project similar to Mail Boxes Etc. The business was sold in 1998 and for awhile the machine was no longer in use. Unknown if it is presently in use.

Waste Reduction Education Grants.

District "O" has awarded District Grants for Public Education Programs to four programs:

Springfield/Greene County Health Department. Awarded \$12,100.00 in 1994 for computer equipment used to create a waste reduction manual and teaching curriculum. These items are currently available.

Discovery Center of Springfield. Awarded \$9,304.24 in 1999, \$11,500.00 in 2001, \$12,800 in 2005, and \$5,342.00 in 2007 to fund environmental exhibits for school children at the center. These exhibits are available to all visitors at the center.

Choose Environmental Excellence. Awarded \$840.00 in 2000 to construct a standing environmental display to be used at conferences and other public events, and 19,024.00 for special events recycling.

Watershed Committee of the Ozarks. Awarded \$46,350.00 for educational exhibits in the Watershed building currently under construction.

Food Waste Composting Grants:

Ozark Correctional Center (OCC), Fordland: District "O" awarded a 2005 District Grant of \$24,834.00 and a 2007 grant of \$15,921.21 to OCC to assist in the construction of their in vessel food waste composting system. The majority of the funding for the system was a \$100,000.00 DNR Target Grant in 2005.

Sol Source Teknolog1: Received a \$26,000.00 District Grant in 2010 to partially fund an in vessel food waste composting system to serve the Springfield area.

RECYCLING PROCESSORS

District "O" has six major processors for material collected at District "O" recycling centers.

Commercial Metals. A large scrap metal recycler. In addition to their commercial customers they will accept metal from individuals and from community recycling drop-off centers.

Fiber Management. A full service recycling processor located in Republic. Fiber Management leases property to the City of Republic for the City's Recycling Drop-Center for \$1.00 per year. Fiber Management also staffs the center five days per week for no charge. They also provide educational programs to Republic Schools.

Greenway Recycling, Fordland and Springfield. A full service Recycling Process Center and Broker with large facilities in Fordland and Springfield. Greenway does not offer residential pick up services. It accepts Aluminum Cans, Tin Cans, #1 and #2 Plastic (soda bottles and milk jugs only), Corrugated Cardboard, Newspaper, Magazines, and Mixed Paper. Greenway pays for most items. Strafford, Christian County, Polk County, and Buffalo take their material to Greenway.

Midwest Fibre Sales Corp. Springfield. Collects and processes corrugated cardboard. Picks up at Springfield Recycling Centers and services commercial accounts.

Nestle Purina PetCare. Springfield Manufactures cat litter from newspaper, other fiber, and sawdust.

Will accept a mix of newspaper, magazines, phone, books, and mixed paper. Material does not have to be sorted. Currently provides and services Roll Off boxes for Ash Grove, Bolivar, Christian County, Fair Grove, Humansville, Springfield, Marshfield, Seymour, Strafford, and Willard recycling centers. They also set out and service recycled paper drop-off sites in several District "O" cities, businesses, and schools. They also provide educational programs in District "O." schools.

RECYCLING FACILITIES

District "O" presently has the following Recycling Drop-Centers. Except where noted, all accept Aluminum Cans, Tin Cans, Milk Jugs, Soda Bottles, Glass, Corrugate Cardboard, Newspaper, Magazines, Phone Books, and Mixed Paper.

Bolivar.

Buffalo, does not accept glass.

Christian County operates Ozark Recycling Center and five Mobile Recycling Centers.

Does not accept glass.

Fair Grove.

Fordland.

Humansville.

Marshfield.

MO Dept. Transportation, Springfield.

Republic.

Rogersville.

Nixa, Serviced by Allied Waste Service, which has a City Contract for hauling and recycling. Springfield, Operates four recycling centers and a Household Chemical Collection Center.

Additionally, all haulers must provide curb side recycling pickup service.

Seymour.

Strafford recently enacted a City Ordinance requiring all waste haulers to provide curbside recycling pickup service.

Willard.

All District residents also have access to City/County Yard Waste Collection Centers.

OTHER DISTRICT SERVICES

Education Programs. The District offers an Elementary School Waste Reduction Educational Program, available in two and four hour versions. This program started in 1997.

The District also provides Waste Reduction Educational Programs to Civic Groups and other organizations.

Technical Assistance. The District provides many types of Technical Assistance to members. This assistance includes:

Grant Preparation.

Grant Management.

Waste Reduction System Design and Implementation.

Designing Equipment Specifications.

Procuring Markets for Collected Material.

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SWMP OPERATIONS

DIVERTED SOLID WASTE

The following figures are material diverted from landfills by District "O" District Grants. One thing that should be noted is that the great majority of these grants were for to fund start up programs. Some were for start up businesses, or recycling centers. Others were start up funds for new programs and/or projects in existing businesses or organizations. Almost all of these grants were 12 month grants and by the time the equipment was purchased and installed several months, sometimes as many as six or nine had elapsed. This resulted in diversion data reported for a period of only a few months. Beginning with the 2010 grant cycle, all District "O" grants will be for 24 months. There will also be a stipulation that the grantee must report diversion data for at least one full year before the grant can be closed.

Also, with the exception of four grants, all projects funded by District "O" are still in operation and are continuing to divert solid waste.

Reported Waste Diversion Tonnage by District "O" Grants from July 01 2010 - June 30, 2011:

<u>Aluminum:</u>	<u>1.54 Tons</u>	<u>Corrugated Cardboard:</u>	<u>205.50 Tons</u>
<u>Commingled:</u>	<u>227.00 Tons</u>	<u>Electronics:</u>	<u>29.30 Tons</u>
<u>Mixed Glass:</u>	<u>205.00 Tons</u>	<u>Mixed Paper:</u>	<u>5,200.00 Tons</u>
<u>HDPE (#2 Plastic):</u>	<u>5.2 Tons</u>	<u>Office Paper:</u>	<u>15.00 Tons</u>
<u>PET (#1 Plastic):</u>	<u>.70 Tons</u>	<u>Deconstruction:</u>	<u>226.00 Tons</u>

Total Reported Diversion by Active District "O" Grants in FY 2010-2011: 6,115.24

Total Grant Funds Awarded During FY 2010-2011: \$332,740.12

Cost per Ton for Waste Diverted: \$326.62

Each of the projects used to compute these statistics continue to divert waste at the same, or in many cases a higher rate although their grant funding may have been exhausted. For example Greenway Recycling, using recycling bins purchased with a District "O" Grant recycled 5,200 tons of mixed paper, during the first quarter of this fiscal year. During the next three quarters they recycled paper at approximately the same rate, diverting an estimated 15,600 tons which are not included in the above figure. The same is true for the Springfield Habitat for Humanity ReStore, whose 226 tons of recycled deconstruction material also covers only one quarter.

Glass Recycling:

For several years, District "O" has worked with the City of Springfield trying to develop markets for collected glass. Two years ago Springfield set up a glass collection center where cities, counties, and businesses could drop off glass. The glass would be crushed and made available for "Glassphalt" paving projects. A fee was charged to drop off the glass and the money collected was used subsidize the higher cost of Glassphalt when compared with asphalt.

This program was fairly successful, for example Glassphalt was used for paving projects such as the lot of the Rogersville Recycling Center. However some city and county Recycling Drop-Off Centers balked at paying a tipping fee for recycling glass and simply would not accept it at their centers.

Last year, Springfield entered into an agreement with Ripple Glass in Kansas City. Ripple Glass finely crushes the glass and it is used by Dow-Corning for fiberglass insulation. Ripple will transport collected glass from Springfield for the value of the glass. Springfield has opened their glass collection center to all of District "O." Glass can be dropped off at no charge. This is a relatively new project, but the results have been very good, thanks mainly to the efforts of the City Springfield.

Household Hazardous Waste (HHW) Collections:

The City of Springfield operates a Household Chemical Collection Center (HCCC) for residents of Springfield and Greene County. The city staffs and funds the operation of the center. For the other four counties in District "O"—Christian, Dallas, Polk, and Webster—the district has periodically conducted mobile HHW collections. This has proven to be an expensive option. Also, district residents would have to store materials for months, or longer, until a collection was scheduled.

Late this summer, the City of Springfield agreed to allow all District "O" residents to use the center. A formula based on (HCCC) operating costs and the percentage of District "O" residents living in these four counties has been developed to reimburse the Springfield HCCC for this access. A 2011 District Grant will be sought to fund the project.

Springfield is located in the approximate center of District "O." All four of these counties border on Greene County. For many residents, driving to the HCCC will be less of a drive than to the mobile collections we have been scheduling. Many of the residents of these counties work in Springfield and commute daily. Also having access during HCCC's normal operating hours will be much easier for them than the once-every-several-months schedule for mobile collections.

The District "O" Executive Board approved a Plan Implementation Grant to fund this project. Although the Springfield HCCC is the only know facility capable of operating this program, it will be open for bids. District "O" plans to have the project funded and in during the second half of calendar year 2011.

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**SOLID WASTE MANAGEMENT REGION DISTRICT “O”
MISSION STATEMENT:**

Through full and timely implementation of the District “O” Solid Waste Management Plan, enable participating counties and communities to provide safe, reliable, and cost effective [efficient/affordable] solid waste disposal, recycling, and waste reduction services throughout the Region in order to meet the waste reduction goals set forth in Missouri Senate Bill 225.

GOALS:

1. Develop and maintain markets for recyclable material collected by District “O” member cities and counties, and by businesses in the district.
2. Make every effort to provide all District “O” residents, businesses, and institutions with reasonable access to multi-material recycling drop-off centers and/or recycling curbside (point of generation) collection service.
3. Make every effort to provide all District “O” residents, businesses, and institutions with reasonable access to environmentally safe, reliable, and affordable solid waste and household chemical disposal service and facilities.
4. Provide public education programs including, but not limited to, public schools, private schools, non-formal educators, and civic clubs.
5. Provide technical assistance to District “O” members and businesses in grant management and the design, funding, implementation, and operation of waste reduction programs.
6. Maintain liaison with Missouri Department of Natural Resources, other Solid Waste Management Districts, and federal, state, and local governments and promote intergovernmental cooperation to meet the District “O” Mission Statement.

DISTRICT “O” OBJECTIVES FOR FY 2011-2012:

Goal #1: Develop and maintain markets for recyclable material collected by District “O” member cities and counties, and by businesses in the District.

Objectives:

Work with the City of Springfield in the operation and expansion of Springfield’s glass recycling project and integrate other District “O” member cities and counties into the project.

Identify additional markets for Styrofoam and other collected material.

Work with District “O” members to reduce costs and simplify transportation of collected material.

Identify and develop additional collection points, processors, and markets for E-Waste, Florescent Tubes, and Construction and Demolition Waste.

Identify and develop collection points, processors, and markets for other recyclable materials not currently being collected and recycled in the district.

Goal #2: Make every effort to provide all District “O” residents, businesses, and institutions with reasonable access to multi-material recycling drop-off centers and/or recycling curbside (point of generation) collection service.

Objectives:

Establish a Recycling Drop-Off Center in Ash Grove.

Increase and expand Recycling Drop-Off facilities in the cities of Rogersville, Strafford, Pleasant Hope, Highlandville, Clever, and Urbana.

Provide assistance to the City of Springfield in the expansion and improvement of Springfield Recycling Drop-Off Centers.

Support Major Event Recycling Program throughout District “O.”

Provide financial and technical support to the Central Street Recycling Coalition to increase recycling by downtown businesses and educational institutions.

Goal #3: Make every effort to provide all District “O” residents, businesses, and institutions with reasonable access to environmentally safe, reliable, and affordable solid waste and household chemical disposal service and facilities.

Objectives:

Support Springfield’s Integrated Solid Waste Management System and Waste District “O” funding by promoting utilization of the Springfield Sanitary Landfill for non-recyclable waste disposal.

Provide ongoing access to the Springfield Household Chemical Collection Center for all households of Christian, Dallas, Polk and Webster Counties.

District O 2010-2011 Annual Report — ATTACHMENT A

Develop a plan to safely and properly dispose of prescription medications and support efforts of the City of Springfield and/or other member entities to do the same.

Goal #4: Provide public education programs including, but not limited to, businesses, public schools, private schools, non-formal educators, and civic clubs.

Objectives:

Conduct recycling and/or waste reduction programs, when requested, to businesses, public schools, private schools, civic organizations, and other entities in District "O".

Develop plans and a proposal to implement a proactive and more aggressive education program, funded by the increase in District "O's" funding under the provisions of Senate Bill 225.

Develop a Waste Reduction Recognition Program for public and private schools.

Goal #5: Provide technical assistance to District "O" members and businesses in grant management and design, funding, implementation, and operation of waste reduction programs.

Objectives:

Provide technical assistance to District "O" member cities and counties and to businesses, non profit organizations, and other organizations in locating and obtaining financial assistance for waste reduction programs

Provide technical assistance in grant management to all recipients of District "O" District Grants.

Provide technical assistance in grant preparation to all applicants for 2012 District "O" District Grants.

Prepare and submit District "O" grant applications for the Missouri Department of Natural Resources 2012 Operations Grant.

Goal #6: Maintain liaison with Missouri Department of Natural Resources, other Solid Waste Management Districts, and federal, state, and local governments and promote intergovernmental cooperation to meet the District "O" Mission Statement.

Objectives:

District "O" will be represented at all Missouri State Solid Waste Advisory Board and Solid Waste Planners' meetings.

Support all efforts and programs to reduce illegal dumping.

Ensure District "O" continues to participate and be represented at all meetings, work groups, public hearings, etc, regarding the implementation of Senate Bill 225.

District O 2010-2011 Annual Report — ATTACHMENT B

**DISTRICT "O" OPERATIONS GRANT
PROJECT #O2010-01
LINE ITEM BUDGET**

Contract Fees For Administrative Services	
District Planner Services. Contractor: Robert Hamilton, 12 mo. @ \$3,400 per mo.	40,800
Associate District Planner Services. Contractor: Ronda Gulley, 12 @ \$3,400 per mo.	40,800
Total Fees For Administrative Services: \$81,600	
Travel	
District Planner Mileage. 15,000 miles at .42 per mile.	6,300
Other District "O" mileage. 6,000 miles at .42 per mile.	2,520
Lodging. 10 nights at \$90 per night.	900
Meals.	750
Total Travel: \$10,470	
Professional Services	
Auditor for FY 2009 Services	5,000
Total Professional Services \$5,000	
Operating Expenses	
Insurance.	1,500
Educational Display material and brochures	830
Newspaper advertisements for grant cycle.	1,250
District "O" Environmental Service Awards	350
Printing. Newsletter and other printing	975
Postage. Newsletter, office, and planner.	700
Office supplies and miscellaneous.	2,325
Total Operating Expenses \$7,930	
TOTAL GRANT BUDGET:	\$105,000

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**District O 2010-2011 Annual Report
ATTACHMENT C**

**Springfield-Greene County
Choose Environmental Excellence
Steering Committee**

Barbara Lucks
City of Springfield
Solid Waste Mgt. Division

Kevin Gipson
Springfield/Greene County
Health Department

Marie Steinwachs
University of Missouri
Outreach and Extension

Ryan Mooney
Springfield Area
Chamber of Commerce

Terry Whaley
Ozark Greenways, Inc.

Laurie Duncan
The Discovery Center

Chuck Kroeger
Aquaterra

Dave Fraley
City Utilities of Springfield

Loring Bullard
Watershed Committee
of the Ozarks

Cindy Garner
MO Department of Conservation

Francis Skalicky
MO Department of Conservation

DeDe Vest
Natural Resources
Conservation Service

Jon Schimpf
Carlisle Power Transmission

Joe Pitts
James River Basin Partnership

Becky Fay
University of Missouri
Outreach and Extension

Tim Smith
Greene County
Administrator

Randy Lyman
City of Springfield
Clean Water Services

Robert Hamilton
Solid Waste Management
District "O"

Doug Neidigh
Ozarks Clean Air Alliance and
Drury University—Center for
Sustainable Solutions

Ann Hall
Gary Deaver
Rena Bass
Lynn Feagan

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