Missouri SWMD District Annual Report

Member: District E - MARC Solid Waste Management District
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?

The MARC SWMD's purpose is to divert waste from the waste stream through waste reduction, reuse and recycling programs, with an ambitious goal of reducing the amount of waste going to landfills by 80 percent by 2023. To achieve the 80 percent waste diversion goal, the District has adopted multi-year strategies that encompass waste reduction, recycling, and resource recovery. Regional solid waste programs, grant funds, and technical assistance efforts help facilitate progress towards this regional goal. See Attachment 1 for further discussion.

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.

See above and Attachment 1 for further discussion.

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	The district has an overall 80 % diversion goal by 2023.	See above and Attachment 1 for further discussion.

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?

See above and Attachment 1 for further discussion.

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?

See above and Attachment 1 for further discussion.

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.

See above and Attachment 1 for further discussion.

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	FY2013-005	Atlas Glass - Curbside Glass Recycling	11,739.00	20.0000	587.00
2	FY2013-006	Sleepyhead Beds - Mattress Reuse	35,612.00	26.1500	1,361.83
3	FY2013-007	Platte City - Curbside Truck	42,206.00	82.0500	514.39
4	FY2013-008	SE Enterprises - Holiday Light Recycling	42,000.00	10.1800	4,125.73
5	FY2013-009	Cass County Sustainability Committee - Drop-Off	15,960.00	290.2600	54.98
6	FY2013-010	Park University - Food Waste Composting	5,144.00	5.9500	864.53
7	FY2013-011	Nelson Atkins Museum - Outdoor Recycling	13,913.00	11.2500	1,236.71
8	FY2013-012	The Rehabilitation Institute - Book Project	70,241.00	325.4100	215.85
9	FY2013-013	Missouri Organic - Green Events	48,595.00	54.1600	897.24
10	FY2013-015	St. Teresa's High School - Recycling at Sporting FIeld	4,805.00	0.3600	4,805.00
11	FY2013-016	Truman Heritage Habitat - ReStore Driver	28,600.00	99.3200	287.95
12	FY2013-018	Jerusalem Farm - Curbside Food Waste	14,823.00	2.8700	5,164.80
13	FY2013-019	Revolve Community Bicycles	22,965.00	3.8000	6,043.42
14	FY2014-004		0.00	25.4000	0.00

	PROJECT #: *	NAME OF PROJECT RESULTING IN TONNAGE DIVERSION FROM LANDFILLS:	COST OF PROJECT:	NUMBER OF TONS DIVERTED:	AVERAGE COST PER TON DIVERTED:
		City of Riverside - Northland Extravaganza			
15	FY2014-005	The Rehabilitation Institute - Truck for Book Project	319.00	0.0000	0.00
16	FY2014-006	Jackson County - Yard Waste Facility	0.00	185.0000	0.00
17	FY2014-007	Avenue of Life - Mattress Recycling	70,830.00	7.0000	10,118.57
18	FY2014-008	Grain Valley School District - Food Composting	0.00	7.3100	0.00
19	FY2014-010	City Market - Food Waste	201.55	0.0000	0.00
20	FY2014-011	SE Enterprises - Holiday Lights	0.00	0.0000	0.00
21	FY2014-012	City of Blue Springs - Parks Recycling	4,416.00	0.6200	4,416.00
22	See Attachment 2	for prior fiscal years.			

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	FY2013-017 Bridging The Gap - By-Product Synergy	45,136.00	Four working sessions were held. In total 160 guests attended, representing 78 companies. The project connected businesses through the on-line marketplace Midwest Materials Exchange. There are 169 active users. 15 one-on-one consultations were made. Advertising was focused on four segments: Online, print, 1,000 direct mail, and

	PROJECTS NOT RESULTING IN TONNAGE DIVERSION FROM LANDFILLS:	COST OF PROJECT:	MEASURABLE OUTCOMES ACHIEVED FOR THESE PROJECTS:
			meetings. All advertising recognized the district and MDNR.
2	FY2013-014 - JobOne, Education	6,461.00	Outreach materials announcing drop-off recycling center availability and new location. Press release were sent to 39 contacts. City website (Grandview) posted info on home page; newspaper article in Jackson County Advocate,12 businesses displayed sign or fliers; 1,600 copies of the guide was delivered to the city; 8 twitter and13 Facebook announcements were posted;
3	FY2014-009 - Ripple Glass, Education	0.00	During the first two quarters of the grant period Ripple had staffed two festivals. More events are scheduled for third quarter
4	FY2014-014 Bridging The Gap, Commercial Recycling and Composting	0.00	During the first two quarters of the grant period BTG had connected with two businesses for new recycling programs and 6 businesses for expanded programs.
5	FY2014-015 Trozzolo Recycling Education Campaign	19,644.00	This project started April 1. During the project first quarter Trozzolo researched and developed a brand for the district-wide recycling education campaign. Tag Lines also were developed for feedback.
6	FY2013-001/FY2014-014 HHW	25,000.00	See Attachment 3 for measurables.
7	FY2013-001/FY2014-001 District Operations	308,195.00	See Attachment 3 for measurables.
8	FY2013-002/FY2014-002 Outreach	79,447.00	See Attachment 3 for measurables.
9	FY2013-003/FY2014-003 Planning	12,763.00	See Attachment 3 for measurables.

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:

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1	FY2014-006: Jackson County - Yard Waste Facility	0.00	185.0000	0.00	Start-up costs for a regional yard waste facility (e.g., grading, fencing, staffing)

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

The Grant Review Committee is comprised of seven volunteers: Donna Utter (Chair), citizen; Marleen Leonce, Management Council; Brian Alferman, PlanetReuse; Jim Twigg, Management Council Ex-Officio; Dan McGraw, Executive Board (past member/alternate); Sue Mikula, Executive Board (alternate); and Lindsay James, Blackstone Environmental. The grant proposal evaluation process is as follows: 1. Applicants are required to submit a brief pre-application indicating project scope and preliminary budget. The Grant Review Committee (GRC) reviews pre-applications and provides initial feedback on project relevancy and suggestions for improvement. District staff communicates GRC comments both verbally and via email to applicants. Applicants may decide at that point to submit a full application. 2. Applicants must submit an application by the district's posted due date and time. Staff reviews the applications received to determine completeness. At this time, staff also prepares a summary of past performance for applicants who have received prior grant funds. Staff forwards a completeness list and past performance evaluation to each GRC member. 3. The GRC members individually evaluate final proposals on criteria established by the district grant rule. 4. GRC member scores are submitted to staff for ranking compilation. An average score is calculated for each grant application. 5. The committee convenes a meeting to complete its selection process and

agree upon a consensus-based score for each application received. At this meeting, recommendations for "full award," "partial award," "no award" are made based on the amount of funding available for the grant round. If necessary, contingencies for award are established at this meeting. 6. Recommendations resulting from this process are forwarded to the executive board for approval. The district has provided funding to past recipients. Past performance is reviewed by the Grant Review Committee and the Executive Board. Each receives a list of past recipients as part of its approval process. Staff assistance is offered throughout the process to ensure quality and complete applications.

1. Board and Council Members

Name:

Chris Bussen

Check:

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11. Board and Council Members

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12. Board and Council Members

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13. Board and Council Members

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14. Board and Council Members

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15. Board and Council Members

Name:

Lisa McDaniel

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☑ Board ☐ Council

Representative of:

☐ County ☐ Public ☐ City ☑ Other

PLEASE DESCRIBE "OTHER"

Ex officio

Official Title:

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Kansas City

State:

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lmcdaniel@marc.org

16. Board and Council Members

Name:

See attachement 4 for Management Council members

Check:

☐ Board ☐ Council

Representative of:

☐ County ☐ Public ☐ City ☐ Other

Official Title:

☐ Officer ☐ Chair ☐ Vice-Chair ☐ Secretary ☐ Treasurer ☐ Other

Address:

City:

State:

Zip Code:

Phone number with area code:

Fax:

Email:

Upload File:

MARC SWMD Attachments - revised 2.pdf *Maximum of 5 mb file size*

Response created on: Oct 9, 2014 at 01:01 PM CDT by karpilow@marc.org

Response last updated on: Feb 3, 2015 at 02:23 PM CST by karpilow@marc.org

ATTACHMENT 1 - GOALS AND ACCOMPLISHMENTS

Narrative for items 1, 2, and 3.

The MARC SWMD's purpose is to divert waste from the waste stream through waste reduction, reuse and recycling programs, with an ambitious goal of reducing the amount of waste going to landfills by 80 percent by 2023. To achieve the 80 percent waste diversion goal, the District has adopted multi-year strategies that encompass **waste reduction**, **recycling**, and **resource recovery.** Regional solid waste programs, grant funds, and technical assistance efforts help facilitate progress towards this regional goal.

The MARC SWMD's Integrated Solid Waste Management Plan (District Plan), adopted in 1994, contains flexible strategies designed to enable local governments to address solid waste management objectives. The District Plan recommends implementation strategies to allow cities and counties to select the most appropriate option based on local needs. The plan recommends at a minimum for local governments to:

- Create a citizen solid waste and recycling committee
- Provide for the collection of residential recyclable materials
- Practice sound waste reduction and recycling activities in local government facilities
- Promote commercial waste reduction and recycling activities
- Support environmental education efforts

The MARC SWMD works cooperatively with public and private organizations to advocate the implementation of waste reduction and recycling guidelines established in the District Plan.

A core set of major objectives and long-term priorities was established in the year 2000:

<u>Major objectives</u>:

- Improve local/regional participation and commitment
- Increase efforts in education and public awareness
- Provide more training and support to district members
- Continue efforts to meet the district's waste-reduction goal
- Elevate recycling as a local and regional priority
- Develop (and expand) markets for recycled materials

<u>Long-term priorities</u>:

- Target educational efforts to schools and general public
- Support market development for recovered materials
- Expand policy and legislative initiatives
- Implement district integrated solid waste management plan

The District's 2009 Sustainable Solid Waste Management Study established incremental steps to achieve 40, 60 and 80 percent waste diversion over time. Initial steps to achieve 40 percent waste diversion by 2013 focus on increased access to residential and commercial services, more public awareness and participation, and better data collection to collection to measure and monitor success. Subsequent goals of 60 and 80 percent build on the successes from improving basic services and the diversion of additional materials including organics and C&D materials.

To achieve the 80 percent waste diversion goal, the District has adopted multi-year strategies that encompass **waste reduction**, **recycling**, and **resource recovery** and are interwoven among the following key policy areas:

- **Regional Cooperation**: work together as a region on solid waste issues
- **Landfill Capacity**: new disposal facilities will be needed in the very near future
- **Waste Minimization and Diversion**: increase waste recovered for reuse, recycling and composting
- **Local Government Action**: advance programs and policies to promote the sound recovery and disposal of solid waste

To further implementation of the District Plan, the District has held strategic planning retreats since the year 2000. Outcomes of these sessions build on previous years' work and help to further the District's ongoing objectives and priorities. The last strategic planning retreat held October 19, 2011 established the following goals:

- **Goal:** Continue to implement current actions to advance solid waste policy initiatives: regional cooperation; landfill capacity; waste minimization and diversion; and local government action
- **Goal:** Target grant funds to improve waste diversion infrastructure, services and programs: curbside/drop-off recycling services; public awareness; regional recycling facilities; market development for glass; regional organics programs; special venues recycling; food waste; and, zero waste
- **Goal:** Effectively communicate availability core solid waste services and emerging issues like landfill capacity and solid waste contracting to the public and policy makers.
- **Goal:** Develop and track measures of diversion and disposal to demonstrate progress toward goals and work to establish more aggressive goals long term

The following key strategies were developed to support these goals with a major emphasis on improving participation in and access to waste reduction services through outreach and education:

- **Key Strategy:** Conduct infrastructure and planning initiatives to support the interim 40/2013 waste diversion goal
- **Key Strategy:** Expand intergovernmental partnerships & public and private partnerships
- **Key Strategy:** Promote understanding of issues and implement strategies to effectively manage and reduce waste
- **Key Strategy:** Communicate with local and state officials about solid waste issues and efforts
- **Key Strategy:** Use performance benchmarks or grade card to showcase involvement and participation
- **Key Strategy**: Incorporate how-to's into residential, commercial and school-age public education and outreach
- **Key Strategy**: Support local governments with best practices, benchmarks, policies and technical assistance to enhance and expand accessibility of core solid waste services

The District continued to work on these goals during FY2014. Below is a statement of each goal along indicating major accomplishments (Table 1). Progress on individual strategies tied to these goals follows (Table 2).

TABLE 1. GOALS AND ACCOMPLISHMENTS	
FY13/14 PRIMARY GOALS	**MAJOR ACCOMPLISHMENTS**
Continue to implement current actions to advance solid waste policy initiatives: • regional cooperation • landfill capacity • waste minimization and diversion • local government action	The District continued to communicate the core objective for the 40/2013 goal which is improving access and participation as part of the sustainable solid waste management strategy. The October 2011 Strategic Planning Session focused on: • The creation of benchmarks and community ranking systems on a spectrum of solid waste services. • An assessment of diversion to monitor progress toward the 2013 goal. The District is moving forward with efforts to communicate objectives and strategies for the 60/2018 goal, which concentrates on additional materials including organics and construction & demolition debris.
Target grant funds to improve waste diversion infrastructure, services and programs.	The District awarded 11 grants in FY14 in the amount of $441,229. Grant projects include mattress recycling, book recycling, commercial recycling assistance, and school cafeteria composting. The district also awarded grants for various infrastructure projects for organics and recycling, including a yard waste drop-off facility. The District received 19 grant applications for the FY14 grant call. Twelve projects were recommended for funding totaling $774,729. Projects of special interest are mattress recycling, reuse of durable medical equipment, school recycling and composting, business recycling, and holiday light recycling. The Solid Waste Advisory Committee met in March, 2014 to review the existing grant targets. With input also from the Grant Review Committee and the Executive Board, the targets for FY2015 were established at: • Expanded Services for Hard-To-Recycle Items. • Organics Management. • Special venue recycling. • Construction and Demolition Waste. • Waste Reduction and Reuse. • Business and Multi-Family Dwelling Recycling.
Effectively communicate availability core solid waste services and emerging issues like landfill capacity and solid waste contracting to the public and policy makers.	District staff continues to represent the district to key policy makers through involvement with the Eastern Jackson County Betterment Council, and the planning efforts of Kansas City and Lee's Summit. The District continues to engage the management council, through its bi-monthly meetings, and advisory committee in policy-making and best practice strategies. The district surveyed local governments and developed a set of benchmarks regarding the availability of core solid waste services in the region. The RecycleSpot website continues to be well visited with more than 50,000 visitors in FY14 totaling more than 196,000 page views.
Develop and track measures of diversion and disposal to demonstrate progress toward goals and work to establish more aggressive goals long term	The District attempted to establish the overall diversion rate for the region to ascertain if the District's goal of 40 percent diversion was met for FY2013. Due to the inability to gather the necessary recycling data, work was discontinued on this effort. The District plans to evaluate alternative methods to demonstrate future progress towards goals. The District developed benchmarks to measure progress towards the District's waste diversion goals to include measures, services, and policies to support diversion and sustainability measures using the following using the following categories: • Making Recycling Easy (Convenience) • Providing Incentive to Recycle

	• Special Waste Collection Programs • Benchmarking and Evaluation • Leading by Example (Internal Government Programs) • Education, Communication, and Promotion Each parameter was assigned a point value and the points were tallied for each community. The rating system was structured into four tiers: • Platinum – 34 points or greater • Gold – 25 to 33 points • Silver – 16 to 24 points • Bronze – 10 to 15 points Based on this rating system, 1 community attained a Platinum rating, 3 communities received Gold, 8 communities received Silver and 7 communities received Bronze.

TABLE 2. STATUS OF MULTI-YEAR STRATEGIES	
MULTI-YEAR STRATEGIES	**CURRENT STATUS**
Conduct a second phase in long-range infrastructure and program planning targeting an incremental approach to reach 80 percent diversion region-wide by 2023 starting with 40 percent by 2013 • Determine the diversion infrastructure needs to expand processing and composting of materials derived from residential, commercial and C&D sectors • Determine how to move to volume-based rates and mandate recycling and composting throughout district • Determine how to fund programs and infrastructure long term • Develop strategies to resolve solid waste issues using a multi-benefit approach, i.e. green jobs • Reach consensus on policies to guide future strategies, i.e., highest/best use, total environmental impact	In FY2014, the district undertook an initiative to highlight the economic impact of recycling. To address this goal, the District obtained a grant from the Environmental Improvement and Energy Resources Authority (EIERA) and the Missouri Association of Councils of Government (MACOG) to hold a "Resource Recovery Fair," which created an opportunity for local governments to learn how they can attract recycling-based businesses. The district also provided non-profit organizations the opportunity to learn how they can use revenues generated by recycling-based ventures to fund programs and services. Efforts to address this goal continued into FY2014 with three additional speakers addressing the economic impacts of recycling-based businesses. The District has budgeted for an economic impact study for the region, but has delayed implementation of the study pending the release of economic date by the US Census Bureau. This study is anticipated to occur in FY2015.
Expand intergovernmental partnerships & public and private partnerships to promote understanding of issues and implement strategies to effectively manage and reduce waste	The district continues to work with local governments to improve access to core solid waste services as part of the initial objective to reach the 40/2013 goal. Landfill capacity has stabilized for the immediate future. The Lee's Summit landfill is still anticipated to close in the 2016-2018 timeframe.
Communicate with local and state officials about solid waste issues and efforts; use performance benchmarks or grade card to showcase involvement and participation	RecycleSpot is an important tool for both public education and solid waste service information requiring continued improvements and staff time. The District developed benchmarks to measure progress towards the District's waste diversion goals to include measures, services, and policies to support diversion. The District intends to promote the results of the benchmarking in FY2015.
Incorporate the how-to component into residential, commercial and	The District continues to support educational activities through district staff coordination of the Kansas City Environmental

school-age public education and outreach • Continue to increase public participation and knowledge about recycling services • Build and expand efforts to catalyze comprehensive school programs	Education Network (KCEEN), Green Schools and RecycleSpot promotion. Media campaigns to inform local residents about recycling and waste reduction opportunities were conducted during the 2013 holidays and in spring 2014. For many years the District has had Recycling Education on its list of grant priorities. Due to a lack of applications requesting funds for this purpose, combined with a concern from the District's grant review committee members about the quality of educational components in grant applications, it was decided that the district would spearhead a regional recycling education campaign will be applicable and available to all district member communities. The district issued a target grant call in June 2013 and awarded the grant to Trozzolo Communications Group. The District intends to move forward with this campaign in FY15.
Support the work of local governments with best practices, benchmarks, policy development, and technical assistance to enhance and expand accessibility of core services (recycling, yard waste, HHW, bulky items, cleanup days) to all residents	The District continued a Recycling Networking Series, in which the quarterly lunches include feature speakers and provide an opportunity for businesses and governments to network with service providers. Work on identifying and measuring benchmarks, such as procurement policies, public education efforts, and accessibility to curbside recycling services is anticipated to continue into FY14.

The District anticipates that previous goals will generally remain in place for FY15, with a few modifications to better reflect current trends and issues, as the District continues its efforts to create a regional vision of 80 percent diversion by 2023. The district will evaluate the multi-year strategies and continue to work with the Executive Board, Management Council, Advisory and Grant Review Committees to continue to develop strategies to complement the regional vision and District goals.

ATTACHMENT 2 - ADDITIONAL SHEET FOR ITEM 4.

Project #	These dollars reflect total expenditures in funding only. Project Name	Cost of Project	Total Tons Diverted	Banned Tons Diverted	Avg. Cost Per Ton Diverted	Non-Diversion Project
E2009-01	City of Weatherby Lake - Recycling Waste	$1,675	364		$5	
E2009-02	Terri White - Hardin-Central Science Club Recycling	$2,965	21		$141	
E2009-03	GKC Hispanic Chamber - KC Latinos Go Green	$25,000				X
E2009-04	Park University - Park Goes Green Campus Recycling	$24,971	24		$1,040	
E2009-05	City of Lee's Summit - Downtown Recycling	$5,365	2		$2,683	
E2009-06	Cass County Sustainability Committee - Education	$8,802	83		$106	
E2009-07	Carolyn's County Cousins - Venue Recycling	$3,571	1		$3,571	
E2009-08	Ripple Glass - Container Glass Collection/Education	$300,000	4,622		$65	
E2009-09	Bridging The Gap - KC Regional BPS Membership	$14,000				X
E2009-10	City of Lake Waukomis - Yard Waste Management	$2,581		5	$516	
E2009-11	Longview MCC - Campus Recycling Program	$8,002	13		$616	
E2009-12	MARC SWMD - District Operations	$335,873				X
E2009-13	MARC SWMD - Outreach	$75,000				X
E2009-14	MARC SWMD - Plan Implementation	$0				X
E2009-15	MARC SWMD - HHW	$75,000		462	$162	
E2010-001	Green Works - Shake Up Recycling Education	$6,684				X
E2010-002	ReUse People of America - Diversion & Green Bldg. Trng.	$60,387				X
E2010-003	Windswept Worm Farm - Composter	**Declined**				
E2010-004	UMKC - Recycling on the Go Program	$15,100	0.1		$15,100	
E2010-005	City of Blue Springs - Recycling Center	$126,729	279		$454	
E2010-006	IBS Industries - Eco Care Community Recycling	$4,920	30		$164	
E2010-007	City of Kansas City - Deramus Recycling Center Improv.	$49,679	307		$162	
E2010-008	Exchange Works/Earth Works - Recycling Program	**Declined**				
E2010-009	City of Raymore - Recycling Education	$7,632				X
E2010-010	Clay County - Recycling Improvements	$12,244	3		$4,535	
E2010-011	MARC SWMD - District Operations	$350,437				X
E2010-012	MARC SWMD - Outreach	$25,000				X
E2010-013	MARC SWMD - Plan Implementation	$0				X
E2010-014	MARC SWMD - HHW	$75,000		580	$129	
E2010-015	Blue Springs - Parks & Special Event Recycling	$3,425	1		$3,425	
E2010-016	Lee's Summit - Parks & Special Event Recycling	$1,745	1		$1,745	
E2010-017	Clay County - Parks & Special Event Recycling	**Declined**				
E2010-018	Gladstone - Parks Recycling	$1,556	0.37		$1,556	
E2010-019	Platte County - Parks Recycling	$10,401	21		$507	
E2010-020	Belton - Parks & Special Event Recycling	$1,000	0.07		$1,000	
E2010-021	Excelsior Springs - Special Event Recycling	$915	0.22		$915	
E2011-001	Reclamation of Usable Wood	$35,729	1,315		$27	
E2011-002	Zero Waste to Landfill Program	$49,416	162		$305	
E2011-003	Durable Medical Equipment Program	**Declined**				
E2011-004	Little Green Steps to a Happy Planet	$29,685				X
E2011-005	CASCO Collection/Drop Off Recycling Project	$28,228	275		$103	
E2011-006	Creation Cleanup	$1,699	1.7		$999	
E2011-007	New Containers & Community Outreach	$125,000	5,290		$24	
E2011-008	BADSEED Residential Composting Program	$43,200	16.53		$2,613	
E2011-009	Waldo Store Equipment	$17,571	1,027		$17.11	
E2011-010	ReStore Marketing	$49,962				X
E2011-011	Peculiar Pride Recycling Initiative	**Declined**				
E2011-012	MARC SWMD - District Operations	$340,359				X
E2011-013	MARC SWMD - Outreach	$50,000				X
E2011-014	MARC SWMD - Plan Implementation	$0				X
E2011-015	MARC SWMD - HHW	$50,000	215.7			
E2011-016	City of Grain Valley Parks Recycling	$386	0.16		$386	
E2012-001	MARC SWMD 2012 PI Staff/District Operations	$368,918				X
E2012-002	Friends of City Market - Get the Waste Out	$6,191	243.14		$ 25.46	
E2012-003	The Rehab Institute - Book Debinding & Recycling	$42,369	330		$ 128.00	
E2012-004	Kansas City Parks & Recreation - Parks Recycling	$13,729	2.19		$ 6,269.00	
E2012-005	City of Gladstone - Parks Recycling	$6,034	0.56		$ 6,034.00	
E2012-006	Truman Heritage Habitat - Eastern JACO Restore	$61,208	134		$ 457.00	

Project #	These dollars reflect total expenditures in funding only. Project Name	Cost of Project	Total Tons Diverted	Banned Tons Diverted	Avg. Cost Per Ton Diverted	Non-Diversion Project
E2012-007	Nelson Atkins - Recycling	Declined				
E2012-008	Clay County Parks & Recreation - Parks Recycling	$10,178	1.02		$ 9,978.00	
E2012-009	CASCO - Recycling	$32,394	345.3		$ 94.00	
E2012-010	Central Industrial Busn. District - Recycling Project	$31,422	79.15		$ 397.00	
E2012-011	City of Blue Springs - Public Awareness Program	$2,308				X
E2012-012	Revolve Community Bike Shop - Bike Recycling Project	$23,331	11.17		$ 2,089.00	
E2012-013	City of Sugar Creek - Parks & Special Event Recycling	$4,832	0.21		$ 4,832.00	
E2012-014	Bridging The Gap - Kansas City BPS Project	$16,911				X
E2012-015	Harvesters - Perishable Waste Composting Project	$46,769	470.79		$ 99.00	
E2012-016	Jackson County - Eastern JACO Yard Waste Survey	$15,000				X
E2012-017	City of Kansas City - Special Event Recycling	$16,200	7.68		$ 2,109.00	
E2012-018	Cass County Sustainability Committee - Recycling Educ.	$11,608				X
E2012-019	MARC SWMD 2012 PI Outreach	$18,426				X
E2012-020	MARC SWMD 2012 PI Planning	$47,594				X

ATTACHMENT 3

MARC Solid Waste Management District projects
Fiscal Year 2014 (July 1, 2013 – June 30, 2014)

E2013-001/E2014-001 DISTRICT OPERATIONS

Grants

- Number of grant applications received for 2014 Projects: **34** pre-applications were received; **17** full applications were received; **10** were recommended for funding, and **4** information sessions were conducted. The district-established 2014 grant priorities were:
    - drop-off recycling centers with emphasis to include hard-to-recycle materials
    - organics management, to include yard waste, food waste, and storm debris management
    - special venue recycling, with emphasis on interactive educational opportunities
    - construction and demolition waste, with emphasis on residential services
- Number of grant applications received for 2015 Projects: **49** pre-applications were received; **19** full applications were received; **12** were recommended for funding, and **3** information sessions were conducted. The district-established 2015 grant priorities are:
    - Expanded Services for Hard-To-Recycle Items – These are items not accepted at the curb or at a typical drop-off recycling center. Convenient access must be considered. Materials might include electronic waste, Styrofoam, mattresses and rigid plastics (such as laundry baskets and toys).
    - Organics Management – Projects which develop cooperative yard waste drop-off locations. Emphasis on food waste, green waste and planning for storm debris management is encouraged.
    - Special venue recycling – Recycling in the public sphere increases access, participation, education and diversion. Locations might include public facilities, concert venues, parks, festivals, and other special events.
    - Construction and Demolition Waste – Projects which effectively address the diversion of construction and demolition materials.
    - Waste Reduction and Reuse – Projects which support waste reduction and reuse activities. Examples include a community-based project that focuses on offering repair services, setting up a lending library for tools, dishware, etc.
    - Business and Multi-Family Dwelling Recycling – From strip malls and insurance companies to condominiums and apartment complexes; recycling opportunities need to expand in these arenas to increase the region's landfill diversion rate.

Meetings

Executive Board meetings held: **7** meetings (July 17, 2013, September 20, 2013; October 15, 2013, November 13, 2013; January 15, 2014; March 19, 2014 and May 21, 2014)

Management Council meetings: **5** meetings were held with a total of **144** in attendance:

- August 21, 2013: 26 attended
- October 16, 2013: 37 attended
- February 19, 2014: 25 attended
- April 16, 2014: 19 attended
- June 18, 2014: 37 attended

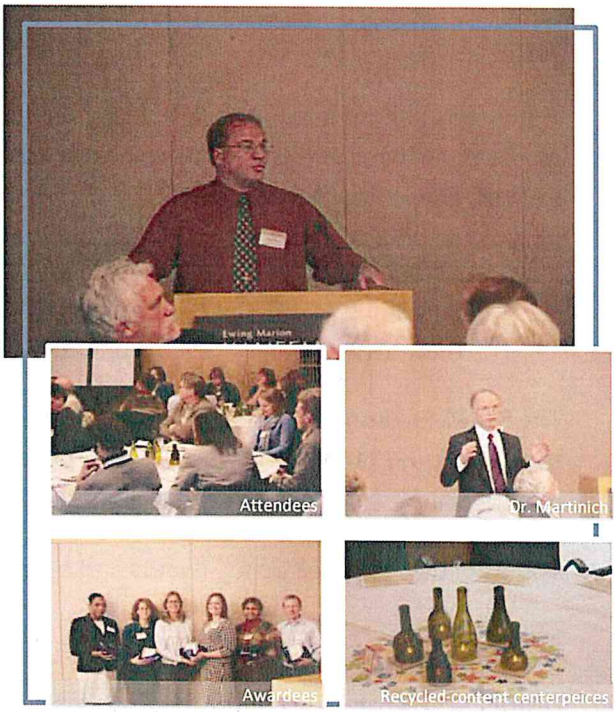
Attachment 3 includes the full management council member list.

The district held its **Annual Meeting** on December 11, 2013 at the Kauffman Foundation Conference Center in Kansas City. This event was attended by 67 people. The district recognized several individuals and organizations that have made notable contributions to regional waste management and recycling efforts:

- Public Employee: Marleen Leonce, Kansas City, Mo.
- Individual Supporter: Brian Alferman, PlanetReuse
- Green Event: Northland Recycling Extravaganza
- Waste Industry: Heritage Environmental Services
- Environmental Educator: Green Works in Kansas City

Dr. Joseph Martinich, University of Missouri-St. Louis, spoke about the beneficial impacts of recycling on Missouri's economy. Martinich, a professor of operations management, has written extensively on recycling and reuse as it pertains to business and manufacturing. Martinich has led two studies for the Missouri Department of Natural Resources, which found that reuse, waste reduction and recycling activities are very powerful job creators and nearly all outputs are regional exports. He praised the SEMD's grant program, saying that local companies that received grand funding early on have flourished into healthy local businesses.

MARC SWMD Annual Meeting



Advisory Committee meeting: March 11, 2014: **11** attendees. Attachment 4 includes the advisory committee email distribution list.

HHW Finance Committee meetings: **1** meeting to discuss finances and establish per capita rate.

Other meetings staff regularly attended include:

- Eastern Jackson County Betterment Council,
- Solid Waste Advisory Board
- Planners Meetings

- MACOG meetings
- KC Chamber of Commerce Environmental Committee

District Administration

Quarterly reports: 4

Annual Independent Financial Report: District audit was completed and audit report was submitted to MDNR.

Statewide Coordination

Statewide meetings attended:

- Planners meetings: 5
- Solid Waste Advisory Board meetings: 5

Other meetings attended include the E-waste Stakeholders meeting and various meetings for the Joint Interim Committee for Solid Waste District Operations.

E2013-002/E2014-002 OUTREACH

Social Media

The district shifted from print newsletters to using social media to share the news and events. Social media posts highlight district events and other issues related to waste reduction, reuse and recycling. In FY2014, district staff:

- Posted **43** Facebook updates on the MARC Facebook page (over 2,000 followers).
- Sent **246** tweets from the RecycleSpot.org Twitter account (@recyclespot)(over 250 followers). These tweets generated more than 47,000 impressions and averaged a 1% engagement rate.

The MARC Environmental Programs launched a blog page in early 2013. The district has posted **32** blogs to the page in FY14 to promote district programs and other areas of interest in waste reduction, reuse and recycling.

Copies of the facebook posts, tweets and blog posts are attached (attachments 5, 6 and 7).

Media

District staff wrote and contributed two articles that were published in Kansas City regional magazines:

- Reduce: The lost R of recycling, *Greenability Magazine*, September/October 2013 (provided as attachment 8)
- Enlighten up: De-cluttering to improve your life, *living wellness*, November/December 2013

RecycleSpot.org

RecycleSpot.org continues to be a well-visited website. In FY2014, **50,093** users visited the site. While there, each user averaged two minutes on the site and viewed 3.24 pages per session (for a total of 196,141 page views).

The district initiated an effort to upgrade the website and database, which is an integral part of district operations, to make the site more user-friendly for the public, staff, and service providers listed on the site. This work is expected to be completed in late calendar year 2014.

Education and Networking

Number of calls received on recycling information line: **392**

Recycling luncheons: **2**

- October 23, 2013: The district hosted *E-Waste Recycling: What You Need to Know* which focused on public and private e-waste collection. The speakers discussed best management practices for ensuring a positive collection experience and protecting organizations against liability. There were **31** attendees.
- March 28, 2014: The district hosted *Successful Internal Recycling Programs Can Be Yours* which focused on work place best practices for planning, coordinating, logistics and outreach to expand or improve an existing program or get a new program off the ground. There were **25** attendees.

Presentations and tabling events: **24** events that reached more than **4,600** attendees.

Kansas City Environmental Education Network (KCEEN) events: **20**

- Missouri Environmental Literacy Board, Nov. 14, 2013, Jefferson City, MO – This meeting consisted of presentations by member groups and work sessions focused on standards and assessment, stewardship, green schools, and environmental careers. Staff committed to help the group research Kansas Green Schools as a model for establishing a similar program in Missouri.
- KCEEN Planning Committee meetings – 10 mtgs. - These monthly meetings give KCEEN members a chance to network, discuss issues and plan for upcoming events.
- Professional Development Committee meetings – 5 mtgs. - District staff put together an ad hoc committee of KCEEN members to discuss an idea for a project called the Kansas City Sustainable Education Project Summer Institute - a collaborative multi-week workshop in which participants reflect on their teaching practice, gain access to new teaching strategies, and explore current research. This idea transformed into a partnership with the Greater Kansas City Writing Project to put on a Saturday seminar entitled *Teaching the Common Core Through Environmental Literacy*, scheduled to be held Oct. 25, 2014.
- Missouri Environmental Literacy Board, March 13, 2014, Jefferson City, MO – This meeting consisted of presentations by member groups and work sessions focused on standards and

assessment, stewardship, green schools, and environmental careers. Staff continued to help the group with establishing a green schools program in Missouri.

- Teacher Resource Day, April 26, 2014 – A partnership with Science Pioneers that includes teachers sharing lessons, and science education organizations showcasing the opportunities they have for teachers and students.150 attendees
- Teacher Appreciation Day, May 3, 2014 – A partnership with the Kansas City Zoo that provides teachers a free day at the zoo and an opportunity to explore healthy planet activities and programs to implement in their schools. 400 attendees
- Bi-State Green Schools & EE Strategy Session, May 15, 2014 – KCEEN met with MEEA and KACEE to discuss and put together a strategy for better cross-regional cooperation and support for EE.

Campaigns

- America Recycles Day (ARD) 2013 – Updated the district ARD web page and sent out a press release promoting RecycleSpot.org and local ARD events.
- Holiday Campaign Dec. 2013 – Jan. 2014 – Updated holiday tree recycling service providers on RecycleSpot.org and sent out a press release promoting metro-area holiday tree recycling locations and opportunities.
- Earth Day 2014 – Updated the district Earth Day web page promoting earth-friendly actions and local events.

E2013-003/E2014-003 PLANNING

Waste Diversion Assessment and Benchmarking Study

The district's vision is for the greater Kansas City region to achieve a waste diversion rate of 80% by 2023 by encouraging more waste reduction, reuse and recycling through a series of three phases. The Phase One objective was to achieve a 40% diversion rate through residential access to a participation in local services. The district undertook a study to quantify the diversion rate and to assess the local government contributions to achieving the region's goals.

Waste Diversion Assessment:

The district attempted to quantify the region's diversion rate and hired a consultant to develop a methodology and identify and collect pertinent data from processing or other major diversion facilities that serve the region.

SCS Engineers attempted to contact waste haulers, disposal sites, and recycling processors that handle material generated in the region; but, received information from only four facilities. SCS planned to use the information provided by waste haulers and processors to create a general flow diagram of the collection, processing, and disposal processes which would then be used to estimate the waste diversion rate for the region. With the lack of information supplied by industry representatives, there was insufficient information to accurately estimate the waste diversion rate.

The district board is disappointed with the inability to obtain data and will look to alternative methods to obtain data in the future, as well as alternative methods to assess progress in attaining the district's waste diversion goals.

Benchmarking Study:

The district looks to the local governments to promote access to services so people and businesses can use them; this is best accomplished by educating and informing residents about what's available in their community and how they can use those services. Also, the district encourages local governments to lead by example by having internal policies and programs that practice diversion. Finally, the district wants the region to have better waste data – get contract-required tonnage reports from haulers, track participation rates at facilities – to see how those programs and services are performing.

The purpose of the benchmarking study is to measure community participation in the district's waste diversion strategies, including policies, programs and services. SCS Engineers completed the study in June 2014 and created a benchmarking system for the region using the following categories:

- Making Recycling Easy (Convenience)
- Providing Incentive to Recycle
- Special Waste Collection Programs
- Benchmarking and Evaluation
- Leading by Example (Internal Government Programs)
- Education, Communication, and Promotion

Each parameter was assigned a point value and the points were tallied for each community. The rating system was structured into four tiers:

- Platinum – 34 points or greater
- Gold – 25 to 33 points
- Silver – 16 to 24 points
- Bronze – 10 to 15 points

Based on this rating system, 1 community attained a Platinum rating, 3 communities received Gold, 8 communities received Silver and 7 communities received Bronze.

<u>Speaker Series on Recycling and Economic Development</u>

The district launched an economic development speaker series in October 2012. The series, "Chasing Arrows, Growing Business: How Recycling Creates Jobs and Economic Opportunities," builds on previous studies that have quantified the economic impact of recycling and reuse, including the Environmental Protection Agency's 2001 "U.S. Recycling Economic Information Study" and the Environmental Improvement and Energy Resources Authority's 2005 "Missouri Recycling Economic Information Study (MOREIS)." In FY13, the district hosted two speakers. The district continued this series in FY2014 with three additional speakers.

- The first speaker of FY14 was Dr. Dan Knapp from Urban Ore, located in Berkeley, California, who has turned the concept of reuse into a multimillion-dollar business. Dan founded Urban Ore in 1980 and now hires more than 30 employees. Urban Ore buys back and sells almost anything they can get their hands on, including materials like old toilets, windows, and doors as well as common thrift store finds like clothes, furniture, and lamps. His store succeeds by being cost-competitive with other disposal options. This event was attended by **37** individuals.
- The second speaker was Dr. Joseph Martinich, University of Missouri — St. Louis, St. Louis, who gave the keynote address about the benefits of recycling on Missouri's economy during the district's annual meeting. This event was attended by **67** individuals.
- The third speaker was Damon Carson, founder of repurposedMATERIALS located in Henderson, Colorado. Carson and a partner developed a successful garbage hauling company in the Colorado ski resorts of Vail and Breckenridge, which they later sold. In 2010, he founded repurposedMATERIALS with the intent of keeping waste out of the landfill. It began with a few old billboards. Carson now seeks out and acquires byproducts from industries across the country and sells them for different uses. Carson provided an overview about his unique company and its goal to give scrapped industrial products a second life. This event was attended by **37** individuals.

Economic Impact of Recycling Study

To understand more fully the impacts that recycling has on local and regional economic development, the district intends to commission a study to assess the economic impacts and benefits that result from recycling. The district is awaiting the release of the 2012 Economic Census Bureau data before issuing an RFP for completion of the study. The district anticipates completion of this study in 2015.

E2013-001/E2014-014 HOUSEHOLD HAZARDOUS WASTE

HHW mobile events coordinated July 1 – December 31, 2013 and January 1 – June 30, 2014:

- Platte County: 161 cars, 8.6 tons of HHW collected
- Richmond: 115 cars, 5.35 tons of HHW collected
- Parkville: 151 cars, 5.3 tons of HHW collected
- Raymore: 317 cars, 19.14 tons of HHW collected
- Liberty: 237 cars, 9.9 tons of HHW collected
- Blue Springs: 464 cars, 22.49 tons of HHW collected
- Excelsior Springs: 247 cars, 16.32 tons of HHW collected
- Harrisonville: 170 cars, 12.40 tons of HHW collected
- **TOTAL 1,862 cars served and 99.5 tons of HHW collected**

To publicize the mobile events, as well as the HHW program in general, the district prepared and distributed the 2014 brochure. The brochure is provided as attachment 9.

The HHW program collected **210.6** tons during FY2014 through the mobile events and through the permanent facilities located in Kansas City and Lee's Summit.

Attachment 4 - SWMD Management Council Reps

First	Last	Title	Company	Phone	E-Mail	Address 1	Address 2	City	State	Zip Code
George	Bentley	Alderman	City of Wood Heights	816-630-7900	woodheightsmo@yahoo.com	2098 E. Ridge Drive		Wood Heights	MO	64024
Steve	Besermin	Director of Public Works	City of Lake Winnebago	816-537-6778	lwpubworks@comcast.net	10 Winnebago Dr.		Lake Winnebago	MO	64034
Chad	Birdsong	Public Works Director	City of Excelsior Springs	816-630-0755	cbirdsong@ci.excelsior-springs.mo.us	201 E Broadway		Excelsior Springs	MO	64024
David	Blackburn	City Administrator	City of Lawson	(816) 580-3217	cityadmin@cityoflawsonmo.org	P.O. Box 185		Lawson	MO	64062
David	Bower	Mayor	City of Raytown	816-737-6000	david.bower@populous.com	10000 E 59th St		Raytown	MO	64133
Ron	Brohammer	City Administrator	City of Richmond	816-776-5304	twillim@cityofrichmondmo.org	205 Summit		Richmond	MO	64085
Carl	Brooks	City Engineer, Public Works	City of Peculiar	816 779-5212 ext. 22	cbrooks@cityofpeculiar.com	600 Schug Ave.		Peculiar	MO	64078
Chris	Bussen	Solid Waste Superintendent	City of Lee's Summit	816-969-7739	Chris.Bussen@cityofls.net	1971 SE Hamblen Road		Lee's Summit	MO	64082
Ann	Dwyer Sanders		Lake Waukomis	816-741-2079	sanderskc@aol.com	#361 NW North Shore Dr.		Lake Waukomis	MO	64151
Daniel	Erickson	Director of Planning & Zoning	Platte County - Planning & Zoning Dept.	816-858-3368	derickson@co.platte.mo.us	415 Third St ste 115		Platte City	MO	64079
Tanya	Finn	Alderman - East Ward	City of Weatherby Lake	816.587.9957	tkfinn@yahoo.com	7200 NW Eastside Dr		Weatherby Lake	MO	64152
Brad	Foster	Assistant City Manager	City of Belton	816-331-4331	bfoster@belton.org	506 Main St		Belton	MO	64012
Steven	Garrett	City Administrator	City of Smithville	816-532-3897	sgarrett@smithvillemo.org	107 W Main St	PO Box 655	Smithville	MO	64089
Steve	Hansen	Director of Public Works	City of Liberty	816-439-4501	shansen@ci.liberty.mo.us	101 E Kansas		Liberty	MO	64068
Pat	Hawver	Director of Public Works	City of North Kansas City	816-274-6004	pahawver@nkc.org	2010 Howell Street		North Kansas City	MO	64116
Leonard	Hendricks	Public Works Director	City of Platte City	816-858-4815	lhendricks@plattecity.org	400 Main St		Platte City	MO	64079
James	Holley	Assistant Director	City of Blue Springs - Community Development	816-228-0124	jholley@bluespringsgov.com	903 Main		Blue Springs	MO	64015
Ryan	Hunt	Assistant City Administrator	City of Grain Valley	816-847-6220	rhunt@cityofgrainvalley.org	711 Main		Grain Valley	MO	64075
Randy	Jones	City Administrator	City of Garden City	816-862-8208	rjones@fairpoint.net	107 N 3rd St	P.O. Box 20	Garden City	MO	64747
Bob	King	Presiding Commissioner	Ray County, Missouri	816-776-4507	raycountycommissioners@yahoo.com	100 W Main St		Richmond	MO	64085
Donna	Koontz	Director of Facilities	Clay County - Facilities Management	816-407-3333	dkoontz@claycountymo.gov	115 South Main		Liberty	MO	64068
Ken	Krawchuk	Mayor	City of Lone Jack	816-697-2503	mayor@lonejackmo.org	207 N Bynum Rd		Lone Jack	MO	64070
Traey	Lambertz	Codes Director	Cass County, Missouri	816-3808132	traeyl@casscounty.com	102 E Wall St		Harrisonville	MO	64701
Michael	Large	Public Works Superintendent	City of Weston	816-640-5477	large.wpw@westonmo.us	300 Main Street		Weston	MO	64098
Marleen	Leonce	Recycling Coordinator	City of KCMO-Public Works	816-513-6992	marleen.leonce@kcmo.org	5300 Municipal Avenue		Kansas City	MO	64120
Patricia	Masterson	Mayor	City of Cleveland	816-618-3412	clevelnd@casstel.net	209 W Main St.	PO Box 68	Cleveland	MO	64734
Sandy	Mayer	Special Projects Coordinator	Jackson County	816-881-3282	smayer@jacksongov.org	415 E 12th St		Kansas City	MO	64106
Terry	Mayfield	Mayor	City of Drexel	816-619-2323	mayor@drexelmo.com	137 E Main		Drexel	MO	64742
Bob	McCorkendale	Mayor	City of Hardin	660-398-4537	cityofhardin@embarqmail.com	PO Box 506		Hardin	MO	64035
Marvin	Megee	Mayor	City of Greenwood	816-5376969	MLMegee@GreenwoodMO.com	709 W Main St		Greenwood	MO	64034
Dennis	Murphey	Chief Environmental Officer	City of KCMO-Office of Environmental Quality	816-513-3459	dennis.murphey@kcmo.org	414 E 12th Street, 24th Floor		Kansas City	MO	64106
Tim	Nebergall	Director of Public Works	City of Gladstone	816-436-5442	timn@gladstone.mo.us	4000 NE 76th St		Gladstone	MO	64119
Larry	Neidel	City Clerk	City of Buckner	816-650-3191	lneidel@cityofbuckner.org	004 W Monroe	PO Box 377	Buckner	MO	64016
Gene	Owen	Western Commissioner	Clay County - Commission	816-407-3600	gowen@claycountymo.gov	One Courthouse Square		Liberty	MO	64068
Kirk	Phillips	Highway Maintenance Supervisor	Jackson County - Public Works	816-225-1674	kphillips@jacksongov.org	PO Box 160		Grain Valley	MO	64029
Ray	Portwood	Mayor	City of Avondale	816-453-7710	city.avondale@att.net	3007 Hwy 10		Kansas City	MO	64117
Rocky	Queen	Mayor	City of Lake Tapawingo	816-229-3722	mayor@laketapawingomo.org	144 Anchor Dr		Lake Tapawingo	MO	64015
Mark	Randall	City Administrator	City of Pleasant Hill	(816) 540-3135	admin@pleasanthill.com	203 Paul Street		Pleasant Hill	MO	64080
Dennis	Randolph	Public Works Director	City of Grandview	816-316-4855	drandolph@grandview.org	1200 Main St		Grandview	MO	64030
Kathy	Rose	Mayor	City of Riverside	816-741-3993	krose@riversidemo.com	2950 NW Vivion Rd		Riverside	MO	64150
Greg	Sager	Public Works Director	Platte County - Public Works	816-858-2223	gsager@co.platte.mo.us	15955 273 Hwy		Platte City	MO	64079-9003
Michael	Shaw	Assistant To The Director	City of Kansas City, MO - Public Works Solid Wa	816-513-3470	michael.shaw@kcmo.org	414 East 12th Street, 23rd Floor		Kansas City	MO	64106
David	Slater	Mayor	City of Pleasant Valley	816-781-3996	dslaterpvmo@aol.com	6500 Royal Rd		Pleasant Valley	MO	64068
Pat	Slusher	Mayor	City of Glenaire	816-781-9919	anntucker@sbcglobal.net	309 Smiley Rd.		Liberty	MO	64068
John	Smedley	Mayor	City of Platte Woods	816-741-6688	Jsmedley@cityofplattewoods.org	6750 NW Tower Dr		Platte Woods	MO	64151
Marie	Steiner	Alderman - Ward 2	City of Kearney	816-628-4142	msteiner@kearneymo.us	100 E Washington	PO Box 797	Kearney	MO	64060
Jim	Stoufer	Chairman	Village of Claycomo	816-452-5539	jstoufer@kc.rr.com	115 E Us Highway 69		Kansas City	MO	64119-3112
Wayne	Tiffany		Cass County Health Dept.	816-380-8425	waynet@casscounty.com	300 S Main Street		Harrisonville	MO	64701
Mike	Twyman	Western Commissioner	Ray County, Missouri	816-776-4507		100 W Main		Richmond	MO	64085
Kendall	Welch	Alderman - Ward 3	City of Parkville	816-505-0686	khwelch@hotmail.com	8800 Clark Ave.		Parkville	MO	64152
Steve	Welch	Assistant Director of Public Works	City of Raymore	816-331-2377	swelch@raymore.com	100 Municipal Circle		Raymore	MO	64083
Les	Whiteside	Mayor	City of Archie	816-293-5601	cityofarchie@hotmail.com	401 S Main	PO Box 346	Archie	MO	64725
Kevin	Wood	Mayor	City of Harrisonville	816-380-3900	mayor@ci.harrisonville.mo.us	300 E Pearl St	PO Box 367	Harrisonville	MO	64701

Attachment 5 - SWMD Advisory Committee Email

First	Last	Title	Company	Phone	E-Mail	Address 1	Address 2	City	State	Zip Code
Bob	Akers		The Surplus Exchange	816-472-0444	bobakers@surplusexchange.org	1107 Hickory		Kansas City	MO	64101
Brian	Alferman				balferman@planetreuse.com			Kansas City	MO	64120
Kevin	Anderson		Missouri Organic Recycling	816-483-0908	kevin@missouriorganic.com	7700 E 40 Hwy		Kansas City	MO	64129
Nick	Babcock		Republic Services		nick.babcock@republicservices.com	3150 N 7th St.		Kansas City	KS	66115
Richard	Batliner	Owner	Midwest Shredding	816-471-6720	richardbatliner@midwestshredding.com	501 N Atlantic		Kansas City	MO	64116
Travis	Batliner		Midwest Shredding	816-471-6720	travisbatliner@midwestshredding.com	501 N Atlantic		Kansas City	MO	64116
Bret	Belmore		City Scrap Metal	816-525-4322	bretbelmore@yahoo.com	1638 SE Decker		Lee's Summit	MO	64081
Matt	Bowen		Pink Hill Acres C&D Landfill	816-921-8200	matt@superiorbowen.com	2501 Manchester Trfwy		Kansas City	MO	64129
Trey	Bowen		Pink Hill Acres C&D Landfill	816-921-8200	trey@superiorbowen.com	2501 Manchester Trfwy		Kansas City	MO	64129
Raynard	Brown		Advantage Metals		rjb@advantagerecycling.com					
Chuck	Byrd		Jims Disposal	816-221-1932	ccbyrd@sbcglobal.net	930 N Chestnut Trfy		Kansas City	MO	64127
Mike	Clagett	Vice President	Deffenbaugh Industries, Inc.	800-654-7470	mclagett@deffenbaughinc.com	PO Box 3220		Shawnee	KS	66203
Thomas	Coffman	Senior Vice President	Deffenbaugh Industries, Inc.	800-654-7470	tcoffman@deffenbaughinc.com	PO Box 3220		Shawnee	KS	66203
Kate	Corwin	President and Founder	Green Works in Kansas City	816-304-8400	kate@greenworkskc.org	4334 McGee Street		Kansas City	MO	64111
Sherri	Davis	Owner	Compost Connection, Inc.	816-761-8300	orders@compostconnection.com	12000 Cartwright		Grandview	MO	64030
Kevin	Delaney	General Manager	Manchester Transfer & Recycle	816-920-6697	kevindelaney@manchestertransferandrecycle.c	7801 E Truman Rd		Kansas City	MO	64126
Mark	Donahoo		Republic Services		mdonahoo@republicservices.com					
Dusty	Ferrell		Ted's Trash Service		dferrell88@gmail.com	10900 E. Truman Rd.		Independence	MO	64052
Ted	Ferrell		Ted's Trash Service	816-2521594	teddyferrell@gmail.com	10900 E Truman Rd		Independence	MO	64052
Karl	Fett	Environmental Manager	Missouri Department of Natural Resources	816-622-7000	karl.fett@dnr.mo.gov	500 NE Colbern Rd		Lee's Summit	MO	64086
Steve	Fishman	Waste Management Specialist	US EPA	913-551-7158	fishman.steve@epa.gov	11201 Renner Blvd.		Lenexa	KS	66219
Mary	Flynn	vice-pres	Flynn's Raytown Disposal Service, Inc	816-358-1211	mary@flynnsdisposal.com	9610 east 55th st		raytown	MO	64133
Sadie	Gardner	Recycling Operations Manager	Bridging The Gap	816-561-1061 X 135	sadie.gardner@bridgingthegap.org	1427 W. 9th St. Ste. 201		Kansas City	MO	64101
Kurt	Gerdes	Business Development Manager	M.A. Associations, Inc.	913-663-0100	kgerdes@matdf.com	9225 Indian Creek Parkway, Suite 670		Overland Park	KS	66210
Seanna	Haston		Roll Off Service	-3805566	rolloffservice@gmail.com	PO Box 431		Harrisonville	MO	64701
Paul	Howe	Vice President	Deffenbaugh Industries	913-208-0739	phowe@deffenbaughinc.com	2601 Midwest Drive		Kansas City	KS	66111
Gary	Inselman		National Fiber	913-321-3394	gary.inselman@nationalfibersupply.com	3210 North 7th St. Trafficway		Kansas City	KS	66115
Ronnell	Kayhill	Municipal Services Manager	Republic Services		rkayhill@republicservices.com	1220 S. Brookside Ave		Independence	MO	64052
Cheri	Kelley		Platte Valley Sanitation		info@plattevalleysanitation.com					
Jeff	Kintzle	Area President	Republic Services / Allied Waste	816-521-3111	jkintzle@republicservices.com	1220 S. Brookeide Avenue		Independence	MO	64050
Dave	Lane		Glen L. DeHart		davelane53@aol.com					
Leland	Madden			816-229-0593	lanzmad@yahoo.com	3023 S Owens School Road		Independence	MO	64057
Ben	Martin		The Surplus Exchange	816-472-0444	bmartin@surplusexchange.org	518 Santa Fe		Kansas City	MO	64105
Dan	McGraw			816-325-7174	adanielmcgraw@gmail.com	111 E Maple	PO Box 1019	Independence	MO	64051
Bob	Painter			816-532-3841	paint@robertbobpainter.com	12802 NE Mt. Olivet Road		Kansas City	MO	641166
J R	Pesek		Town & Country Disposal		jr@townandcountrydisposal.net	23201 E 235 St		Harrisonville	MO	64701
Storm	Ramos		Platte Valley Sanitation		storm@rapidremovaldisposal.com					
Cliff	Roberts		Always Green		alwaysgreen1@live.com					
Rick	Robson		Hallmark Cards, Inc.	816-274-3748		PO Box 419580, Mail Drop #359		Kansas City	MO	64141
Bernie	Sabbert		Systech		bernie.sabbert@lafarge-na.com					
Jim	Samuelson		Midwest Shredding Service		jimsamuelson@midwestshredding.com			Kansas City		
Pam	Shawbaker		Ted's Trash Service		pam@tedstrash.com					
Evan	Smalley				evansmalley@yahoo.com	3200 91 St		Kansas City	MO	64132
Stacia	Stelk	Executive Director	Ripple Glass		stacia@rippleglass.com				MO	
Nick	Sterbach		Batliner Paper Stock		nicks@batlinerpaperstock.com					
Joshua	Trask		Lasercycle	913-307-2164		8208 Nieman Road		Lenexa	KS	66214
Donna	Utter				donnautter1@gmail.com					
Mike	Utz		Boulevard Brewing Company		mutz@boulevard.com	2501 Southwest Blvd.		Kansas City	MO	64108
Ernest	Wassmann	Owner	Silvertooth Partners	816-560-6396	ewassmann@live.com	25108 Milton Thompson Road		Lees Summit	MO	64086
Jack	Willey		Willey's Material Recovery & Transfer		jack@kcmrt.com	4020 Winchester		Kansas City	MO	64129
Maureen	York		Envirostar Waste Services	-2203227	maureenyork@sbcglobal.net	2116 NW Harbor Pl		Blue Springs	MO	64015

Additional Attachments

Attachment 6: SWMD Facebook Posts (FY2014)

Attachment 7: RecycleSpot Tweets (FY2014)

Attachment 8: SWMD Blog Posts (FY2014)

Attachment 9: Greenability Article

Attachment 10: 2014 Household Hazardous Waste Brochure

MARC SWMD Facebook Posts FY2014

Mid-America Regional Council shared a link.
July 9

Don't forget! Tomorrow is the deadline for online pre-proposal submissions for the Solid Waste Management District (SWMD) Grant Program. This program provides grant funds to local governments, private businesses, not-for-profit organizations and individuals for implementing waste reduction, reuse and recycling projects.

Solid Waste Management District Grant Program
ow.ly

The MARC Solid Waste Management District Grant Program provides grant funds to local governments, private businesses, not-for-profit organizations...

Like · Comment · Share 2

Mid-America Regional Council
September 5

Farmers' market, food trucks, the Zoomobile, giveaways AND Eco Elvis...what more could a person ask for? Come to Ilus Davis Park in downtown Kansas City, Mo. for the KC Green Fair on Thursday, Sept. 19 at 11:00 a.m.

Like · Comment · Share 6 5

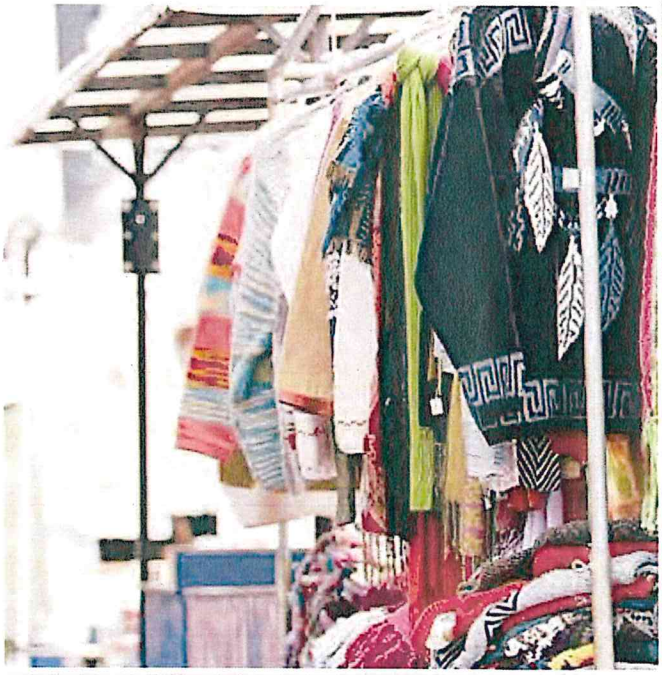
Mid-America Regional Council
September 19

MARC's own Eco Elvis kicked off the KC Green Fair festivities this morning in Ilus Davis Park! It's not too late to miss out on the fun.

Like · Comment · Share 4 1

Mid-America Regional Council
October 8

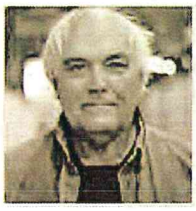
Not ready for garage sale season to end? Head to the Buckner Senior Center garage sale happening this Friday 3–6 p.m. and Saturday 8 a.m.–6 p.m. at 611 Sibley Street in Buckner, Mo.



Like · Comment · Share

Mid-America Regional Council shared a link.
October 12

We all know that recycling is good for the environment, but did you know that recycling is also good for economic development? Attend a free event titled "Urban Ore: To End the Age of Waste," Wed., Oct. 16, 9–10:30 a.m. featuring Dan Knapp, founder of Urban Ore located in Berkeley, Calif. RSVP by Oct. 15.



Urban Ore: To End the Age of Waste
www.marc2.org

We all know that recycling is good for the environment — preserving natural resources, decreasing pollution and reducing energy consumption. But did you know that recycling is

Like · Comment · Share 1

Lisa McDaniel and Kym Bledsoe like this.

Kate Hoppe I've been to Urban Ore and they have a very wide range of materials. There's the ReUse It Center in McPherson, KS, but what about Kansas City?
October 16 at 11:45am

Mid-America Regional Council Thanks for inquiring, Kate Hoppe. Though Kansas City does not have an equivalent to Urban Ore, the same variety of goods are available among the large variety of thrift stores throughout the metro area and Habitat Kansas City ReStore (which sells used/surplus building materials, large appliances and furniture). Visit www.RecycleSpot.org to find locations near you.

RecycleSpot.org: Your Spot for Recycling Information in the Kansas City Region
www.recyclespot.org

The items that you searched for could not be found. Please try entering in one item at a time when performing your search.

October 16 at 2:32pm · 1

Mid-America Regional Council
October 16

Do you live in the Liberty, Pleasant Valley, Glenaire, Excelsior Springs, Gladstone, Kearney or Smithville area? If so, you're invited to bring your household hazardous waste products (antifreeze, batteries, paint and oil) to City of Liberty, Mo. Government City Hall parking lot this Saturday for recycling. There is no charge for this event, but ID with proof of residency is required. http://www.recyclespot.org/HHW/hhw.aspx

Like · Comment · Share 25

Janette Howe, William Arni, Judi Heller Brixey and 26 others like this.

View 2 more comments

Jomarie Picone Witherspoon We technically live in kc but pay liberty taxes would we still qualify?
October 16 at 7:28pm via mobile

Mid-America Regional Council Jomarie Picone Witherspoon, absolutely! Residents of all 34 HHW program participating communities may attend, including Kansas City. Here's a list of all the participating communities: http://www.recyclespot.org/HHW/hhwparticipatingcomm.aspx
October 17 at 11:39am

Mid-America Regional Council shared a link.
October 16

Congratulations to the Johnson County Department of Health and Environment (JCDHE) for winning the North American Hazardous Materials Management Association (NAHMMA) award for Best Education/Outreach. JCDHE won the award for their entertaining and educational video "Barbie and the Hulk Make a Household Hazardous Waste Appointment." Way to go!

Barbie and The Hulk Make a Household Hazardous Waste Appointment
www.youtube.com

Johnson County, KS Department of Health and Environment has a great

Like · Comment · Share

Patricia Baughman, Cityof Mission and 2 others like this.

Mid-America Regional Council
October 22

Check out Reclaim KC's Reclaimed Expo on Oct. 29, a celebration of local designers, builders, makers and artists who feature reclaimed materials in their work.

Reclaimed Expo
Tuesday, October 29 at 5:30pm in CDT
Faultless Event Space in Kansas City, Missouri
36 people are going

Mid-America Regional Council
October 22

Saturday is National Prescription Drug Take-Back Day. Locate a collection site to near you to dispose of your prescription drugs safely and responsibly! http://ow.ly/oXNzW

Like · Comment · Share 1

Patricia Baughman, Northland Neighborhoods Inc, Johnson County Department of Health and Environment and 2 others like this.

Mid-America Regional Council
October 23

CALL FOR NOMINATIONS! The MARC Solid Waste Management District is seeking nominations for its 2013 Special Recognition Awards that recognize outstanding contributions to waste reduction and recycling in our region. Please consider nominatin... See More

Like · Comment · Share 1

Greenability Magazine likes this.

Mid-America Regional Council shared a link.
October 24

Watch this video for an interesting history lesson on glass and a behind-the-scenes glimpse into how Ripple Glass gives glass new life.

The Story of Ripple Glass

Society has used glass for a very long time, but only in the past 50 years have we begun treating glass like garbage. Learn why in this video.

Like · Comment · Share

Mid-America Regional Council
November 15

To celebrate America Recycles Day, MARC employees are having fun with our annual Clean Out Your Files Day event. When was the last time you cleaned out and recycled your old files?

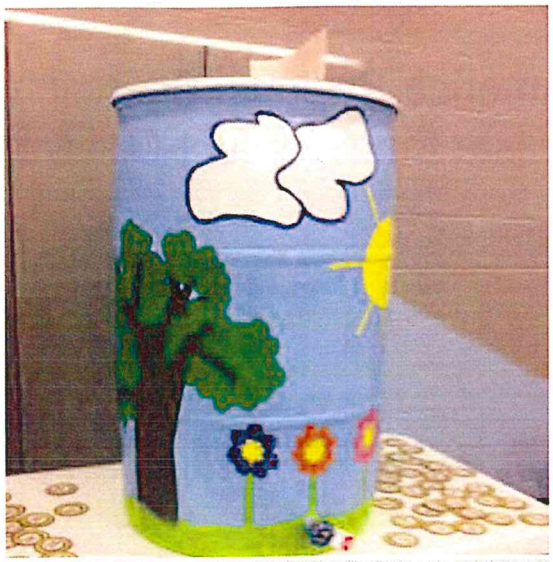
Like · Comment · Share 1

Lisa McDaniel, Park University Hauptmann School for Public Affairs, Pamela J Rowe and 6 others like this.

Mid-America Regional Council shared StoneLion Puppet Theatre's photo.
November 20

Great job, StoneLion Puppet Theatre, a Solid Waste Management District grantee! They've reached out to hundreds of area students using puppets to teach about the environment. Check out the winner of the Rain Barrel design contest at Moonlight Elementary.

> Moonlight Elementary held an amazing SPLASH carnivale last night with hundreds of kids making art and watching shows. Check out the winner of the Rain Barrel design competition, Brielle Atwell. She won her own puppet and the school gets the rain barrel...all sponsored by MARC.



Like · Comment · Share

Marcia Pomeroy likes this.

Mid-America Regional Council
December 4

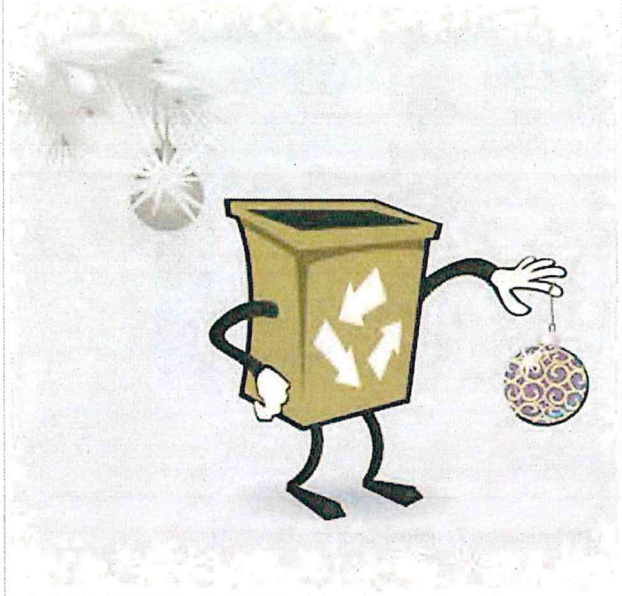
Party with the planet, not against it! Make your holiday events green by using durable dishware, decorating with reusable decorations, recycling cans and bottles, and composting food waste. For more holiday ideas visit: http://ow.ly/rpslU

Like · Comment · Share 1

Elmwood Reclaimed Timber, Greenability Magazine and Morgan Miller Plumbing like this.

Mid-America Regional Council
December 7

Get green when preparing for the holidays! Make reusable or recyclable decorations. Purchase recycled-content cards, send e-cards, or make cards that are recyclable. For more ways to reduce, reuse and recycle visit: http://ow.ly/ryo8y



Like · Comment · Share

Park University Hauptmann School for Public Affairs and MARC Air Quality Program like this.

Mid-America Regional Council shared a link.
December 13

Congratulations to all of the MARC Solid Waste Management District 2013 Special Recognition Award recipients. Thank you for making significant contributions to waste management and recycling efforts in the Kansas City region.

MARC Environment: Highlighting 2013
environment.marcblogs.org

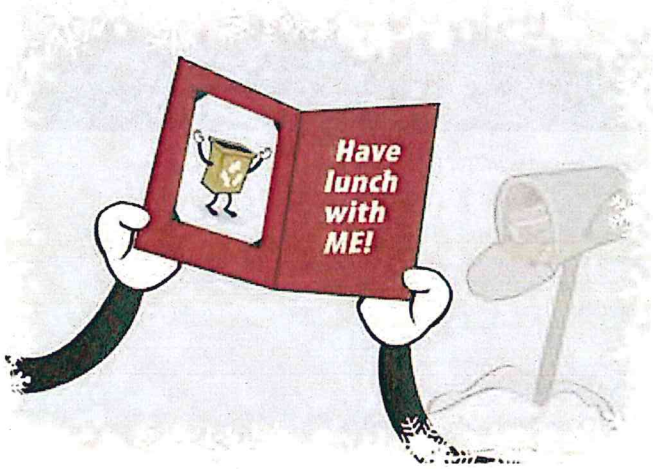
The MARC Solid Waste Management District held its 2013 Annual Meeting and Awards Luncheon on Wednesday, Dec. 11, at the Kauffman Foundation Conference Center. Dr. Joseph Martinich, University of Missouri — St. Louis, spoke about the benefits of recycling on Missouri's

Like · Comment · Share

Barbbie Liberty, Northland Neighborhoods Inc, Kym Bledsoe and 5 others like this.

Mid-America Regional Council
December 17

In our land of plenty, many of us have more stuff than needed, so take a different approach to gift-giving this holiday; find unique gifts at thrift stores, donate to a charity in someone's name, or give an experience. More tips: http://ow.ly/rRpcI

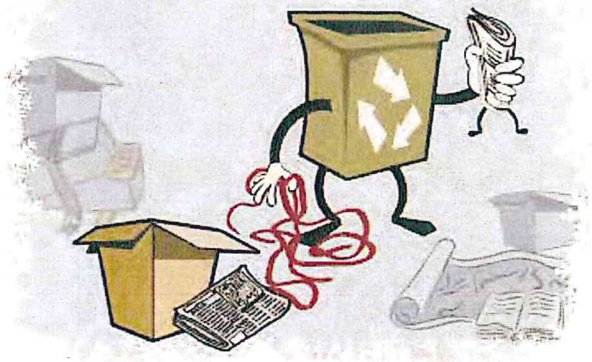


Like · Comment · Share

Lisa McDaniel and Martin City Community Improvement District like this.

Mid-America Regional Council
December 23

Did you know most wrapping paper isn't recyclable? Try these alternatives for gift wrap: old posters, maps, paper grocery bags, funny papers, cloth, cloth ribbons or a cool reusable bag. For more ways to reduce, reuse and recycle for the holidays, visit: http://ow.ly/s1Y8y.



Like · Comment · Share 1

Julie Lucas Denney, Bryan Kitahara and Ray Makalous like this.

Mid-America Regional Council
December 28

Leave behind the trash bags — reuse and recycle instead! "Treecycle" your natural holiday tree; recycle packaging, cards and non-working holiday lights; save boxes, tissue paper and bows; and donate to thrift stores. See more at http://ow.ly/s6nac.

Like · Comment · Share

Optimum Energy Solutions likes this.

Mid-America Regional Council
January 22

Did you know that Americans are filled with pride when they fill their recycling bins? Read all about it on MARC's #environmental programs blog! http://environment.marcblogs.org/2014/01/proud-to-recycle/

Like · Comment · Share 1

2 people like this.

Mid-America Regional Council
February 11

Valentine's Day got you looking for jewelry for that special someone? Going vintage is more unique and earth-friendly. Visit your local antique dealer http://ow.ly/twqpG, pawn shop http://ow.ly/twqv1 or Etsy http://ow.ly/twqHr to find the perfect piece.

Like · Comment · Share

Mid-America Regional Council shared a link.
February 12

Choose a gift that gives back. Donate in the name of your special someone to a charity or local organizations like parks departments, neighborhood PTAs and community groups.

Valentine's Day Gifts That Give Back
earth911.com

As you're browsing the Web for that perfect Valentine's Day gift this week, why not choose a gift that gives back? Here are three fun ways to help the environment and your community while showing your honey you care.

Like · Comment · Share

Northland Neighborhoods Inc likes this.

Mid-America Regional Council shared a link.
February 25

Want to recycle drink pouches, cigarette butts and glue sticks? TerraCycle is an upcycling and recycling company that collects difficult-to-recycle packaging and products and repurposes the material into innovative products. Check 'em out!

TerraCycle | Outsmart Waste
www.terracycle.com

TerraCycle provides free waste collection programs for hard to recycle materials. We then turn the waste into affordable green products.

Like · Comment · Share

Terre Winstead likes this.

Recent Posts by Others

Sadie Jane
the local Starbucks produce hundreds of these each week(each store!). they appear to be aluminum with a stainless steel lining. some may still contain small amounts of nitrous. what to do with them?

Like · Comment · Share · Yesterday at 8:46am

Kendall Kerr likes this.

Sadie Jane right now these are going into area landfills by the thousands each week. the folks at Starbucks are willing to recycle if possible.
Yesterday at 9:18am · Like

Michael Cleveland They go in the metal recycling here. I have no idea what happens next but it's better than trash.
Yesterday at 10:17am · Like

Mid-America Regional Council Sadie, thanks for reaching out. We're working on getting you an answer to your question. Stay tuned!
22 hours ago · Like

Cathy Forgy Maskal What are they?
16 hours ago · Like

Mid-America Regional Council Hi Sadie. Our RecycleSpot.org team's research indicates that the containers are steel and recyclable. Starbucks would need to check with local scrap dealers for specific requirements. Thanks! Amanda Keller, MARC Public Affairs
16 hours ago · Like

Mid-America Regional Council
March 5

Spring cleaning time is just around the corner! Do you have old paint, batteries, motor oil, antifreeze, lawn chemicals and the like lurking in your garage? If so, make your home safe by disposing of them properly at one of our regional household hazardous waste mobile collection events. These events are open to residents of participating communities in the #KC area. See if your community participates and find out other details at www.RecycleSpot.org (go to the HHW tab).

Like · Comment · Share 8

Kym Bledsoe and Deanna Ketner like this.

Mid-America Regional Council shared a link.
March 6

Put a cork in it! Recycle your natural wine corks at Whole Foods. Whole Foods partners with Cork ReHarvest, which works to educate the public about the importance of preserving and protecting the Mediterranean cork forests.

Cork ReHarvest
www.wholefoodsmarket.com

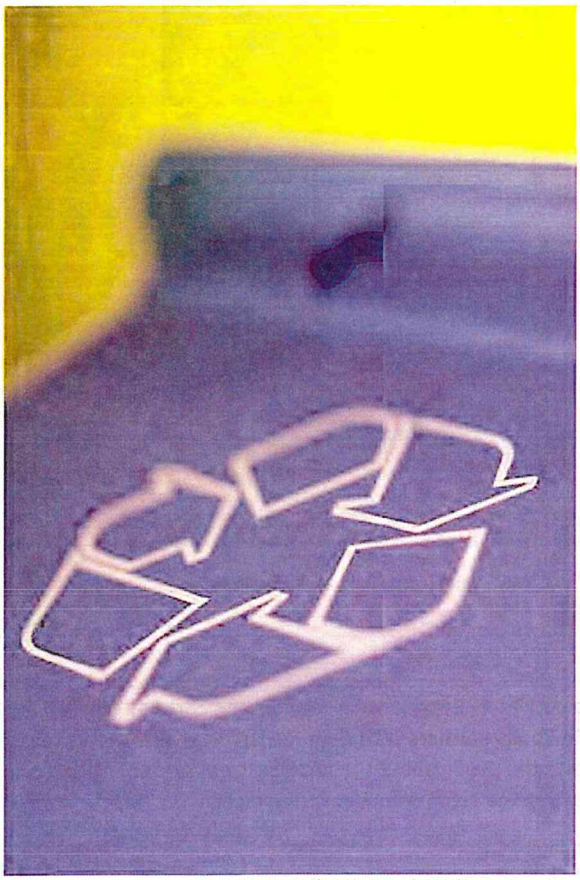
Ever feel guilty tossing a wine cork into the trash? You should! Truth be told, I've thrown away a few wine corks myself. But not anymore. Cork is a renewable, recyclable material that doesn't belong in our landfills.

Like · Comment · Share

Verna Whitworth Crane Jim Twigg, did you know this?
March 6 at 6:50pm

Mid-America Regional Council
March 25

Congratulations to our 2014 Solid Waste Management District (SWMD) grantees! See the complete list on our environmental programs blog: http://ow.ly/uWWBQ.



Like · Comment · Share

2 people like this.

Mid-America Regional Council
March 29

Help bash trash in #MO through April Trash Bash. The Missouri Dept. of Conservation and Missouri Department of Transportation encourage you to help fight litter across the state. Check out www.nomoretrash.org/trash-bash for more info!

Like · Comment · Share

2 people like this.

Mid-America Regional Council
April 1

Hello Cutie! Congratulations to Smithville Primary Elementary School for winning the K-2-Grade category in Missouri Dept. of Conservation's annual No MOre Trash! trash can contest.

Like · Comment · Share

Greenability Magazine likes this.

Mid-America Regional Council
April 16

Recycle your antifreeze, batteries, oil & paint this Sat., 8 a.m.–noon @ Pink Hill Park! Residents of Blue Springs, Grain Valley, unincorporated Jackson Co. & other communities in the Regional HHW Program attend for free: http://ow.ly/vQOqu

Like · Comment · Share 13

Mid-America Regional Council shared a link.
April 16

How Much Does a Typical American Family Throw Out in a Week?

MARC Environment
environment.marcblogs.org

Do you know how much of your weekly household waste could be diverted from the landfill?

Like · Comment · Share 1

Mid-America Regional Council shared a link.
April 21

Donation is always in fashion! Read our recent MARC Environmental Programs blog post for great ideas about what to do with your unwanted clothing and accessories.

What to do with your old clothes
environment.marcblogs.org

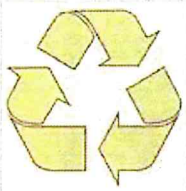
You're faced with the same dilemma...

Like · Comment · Share

MARC SWMD Facebook Posts – July 1, 2013 through June 30, 2014

Mid-America Regional Council shared a link.
April 22

Happy Earth Day, #KC! Have you ever wondered where the "chasing arrows" icon, which is associated today with everything pertaining to recycling, came to be?



The birth of an icon
environment.marcblogs.org

Most people wouldn't consider 44 to be a...

Like · Comment · Share 7 1

Mid-America Regional Council
April 23 · Edited

Are expired prescription drugs cluttering up your cabinet? Saturday is National Prescription Drug Take Back Day. Locate a collection site near you to dispose of your prescription drugs safely & responsibly! http://ow.ly/w5P64

Like · Comment · Share 2 2

Mid-America Regional Council shared The City Market - Kansas City's photo.
May 2 · Edited

Don't forget about EarthWalk tomorrow! https://www.bridgingthegap.org/earthwalk/. There will be electronics recycling on site, too. See below for details.

> The drop off location for our electronics and clothing recycling event is at 3rd and Walnut. Head east down 3rd Street and pull your vehicle up to the indicated curb to unload your items tomorrow between the hours of 9 am - 1 pm! No need to drag your items all the way from the parking lot. How is that for convenient!?

Like · Comment · Share

Teach and Learn Experientially, Dennis Minzes and Briarcliff Trails of Our Community like this.

Mid-America Regional Council shared a link.
May 12

Watch this fun story 41 Action News - KSHB-TV aired about one of MARC's environmental planners, Matt Riggs, as his alter ego Eco Elvis. Learn more about where you can recycle unwanted items in the KC region at www.RecycleSpot.org.

'Eco Elvis' on a mission to help save the environment
www.kshb.com

Eco Elvis is on a mission to bring awareness to environmental issues.

Like · Comment · Share

MARC Air Quality Program, Lisa McDaniel and CR Promotions Company like this.

Mid-America Regional Council shared a link.
May 21

Looking for labels for your recycling bins? Nonprofit Recycle Across America introduces standardized labeling for recycling bins.

Recycle Across America, Standardized Recycling Labels
recycleacrossamerica.org

Recycle Across America (RAA) is a 501(c)(3) non-profit dedicated to making it easier for people to recycle right.

Like · Comment · Share

Stephanie Patton Moore and Laura Machala like this.

Mid-America Regional Council
May 25

To recycle plastic caps, crush the plastic bottle, put the cap back on and recycle. Or, fill a plastic tub with caps, put on the lid and recycle. Both methods keep lids from falling through the sorting machinery and getting thrown out.
www.RecycleSpot.org

Like · Comment · Share

Lawrence Recycles, CR Promotions Company, Sarah Rotert and 5 others like this.

Mid-America Regional Council
May 27

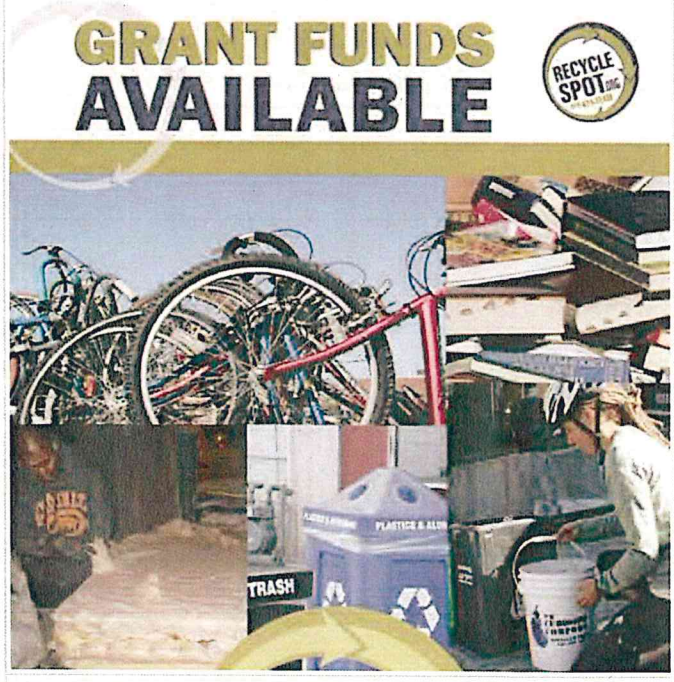
Bring your old paint, motor oil, etc. to 103 E. Water Street in Excelsior Springs on May 31, 8 a.m.–noon for safe disposal! Residents from Excelsior Springs, Lawson, Kearney & other participating communities http://ow.ly/xjVtX may attend.

Like · Comment · Share 1 Share

Tami Knight likes this.

Mid-America Regional Council
May 28

The Solid Waste Management District grant program provides funds to local governments, businesses and nonprofits for waste reduction and recycling projects — pre-proposals due July 2 and final applications due Sept. 10: http://ow.ly/xmTB9



Like · Comment · Share 6 Shares

Jessica Farmer, Stephanie Hess, Andrea Lopez and 17 others like this.

View 2 more comments

MARC SWMD Facebook Posts – July 1, 2013 through June 30, 2014

MARC Mid-America Regional Council shared a link.
June 7

Pre-owned is preferred. You can find something unique, save money and reduce waste by shopping for used items. Hit up garage sales, thrift stores, Habitat For Humanity ReStores, consignment shops, antique malls and eBay.

Habitat for Humanity ReStores
www.habitat.org
Habitat for Humanity ReStores are nonprofit home improvement stores and donation centers that sell new and gently used furniture, home accessories, building materials, and appliances to the public at a fraction of the retail price.

Like · Comment · Share

Ray Makalous, Truman Heritage Habitat for Humanity, Tom Stackhouse and 3 others like this.

MARC Mid-America Regional Council shared a link.
June 22

Reduce waste by not purchasing products you already have. Keep things clean and organized so you can easily find what you need.

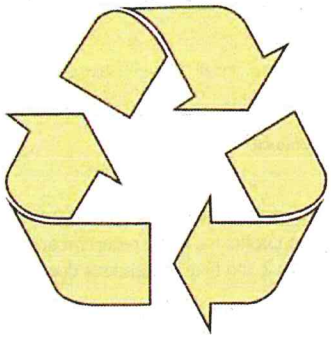
Organized Home | Clean House, Cut Clutter, Get Organized at Home!
organizedhome.com
Every habit, every routine, every tiny piece of the mosaic of your life is tossed at random into a huge, cluttered van, to be shaken out and reassembled at the other end.

Like · Comment · Share

CR Promotions Company and Teresa Kelly like this.

MARC Mid-America Regional Council
June 25

We want to hear from you. If you're a resident of Cass, Clay, Platte or Ray counties, we invite you to participate in a survey conducted by the MARC Solid Waste Management District to help better understand the role of recycling in your household and community:
https://www.surveymonkey.com/s/marcrecycling.



Like · Comment · Share 5 Shares

Ange Leeper, Elizabeth Bejan, Rosehill Gardens and 4 others like this.

Twitter Posts – FY2014

RecycleSpot.org

@RecycleSpot

Greater Kansas City's one-stop spot for recycling information.

TWEETS	PHOTOS/VIDEOS	FOLLOWING	FOLLOWERS	FAVORITES
432	8	108	257	16

RecycleSpot.org@RecycleSpot · Jun 29

Check out plastics #recycling in @@Duff_Goldman's kitchen http://ow.ly/yrUH4 via @plasticpossible

RecycleSpot.org@RecycleSpot · Jun 28

Who are the Top 10 Green Companies in the U.S.? http://ow.ly/yrUeT via @Newsweek #recycling

RecycleSpot.org@RecycleSpot · Jun 27

This Awesome Campaign Takes the Confusion out of #Recycling http://ow.ly/yrTWF via @TakePart

TakePart

RecycleSpot.org@RecycleSpot · Jun 27

Kansas City restaurants work to become more green http://ow.ly/ywBaJ #KC

RecycleSpot.org@RecycleSpot · Jun 26

10 Waste & Recycling Scenes From Around the World http://ow.ly/yrSMN via @Waste360

RecycleSpot.org@RecycleSpot · Jun 25

Shoppers react positively towards companies that use green packaging. Would you switch brands? http://ow.ly/yrSAj via @edie

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Jun 25

Doing a construction project? Remodel project debris? In KC you have many options! @MARCKCMetro @ReStoreKC http://ow.ly/yqXI7 #ReuseIt

RecycleSpot.org@RecycleSpot · Jun 24

Yay for new yard waste management options for Jackson County! http://environment.marcblogs.org/ @JacksonCountyMO

RecycleSpot.org@RecycleSpot · Jun 24

Food packaging is part of our food waste problem. These grocery stores are trying to change the way we shop for food http://ow.ly/yptVG

RecycleSpot.org@RecycleSpot · Jun 20

Are you a super sorter? Play KAB's game and put your skills to the test. http://ow.ly/y6L6X via @KABtweet

RecycleSpot.org@RecycleSpot · Jun 19

Plastic Legacy: Humankind's Trash Is Now a New Rock http://ow.ly/y6KN0 via @LiveScience

RecycleSpot.org@RecycleSpot · Jun 18

Have leftovers you want to use? Sainsbury's Food Rescue tool provides recipe ideas and saves you money! http://sainsburysfoodrescue.co.uk/

RecycleSpot.org@RecycleSpot · Jun 18

Don't dispose! Donate items you no longer want or need to friends, family, neighbors, charities and thrift stores. http://RecycleSpot.org

RecycleSpot.org@RecycleSpot · Jun 17

Original Unverpackt...Germany's First ZeroWaste Supermarket to Open this Summer http://ow.ly/y6JLc via @Inhabitat

RecycleSpot.org@RecycleSpot · Jun 16

Congrats @KSGirlScouts for winning the Great American Can RoundUp-Scout Council Challenge...32,199 lbs of aluminum! http://ow.ly/y6Je1

RecycleSpot.org@RecycleSpot · Jun 13

Coca-Cola has launched a line of 16 innovative caps to encourage consumers to #reuse plastic bottles http://ow.ly/xNmrA @CocaColaCo

YouTube

Play

RecycleSpot.org@RecycleSpot · Jun 13

Summer #recycling tips for families: http://ow.ly/xNlky via @RS_Specialists @KCParent

RecycleSpot.org@RecycleSpot · Jun 12

Stop by to say hi to us at @Blvdia Eco Expo Tent near the ferris wheel tomorrow or Saturday. Looking forward to a fun event!

RecycleSpot.org@RecycleSpot · Jun 12

NEWS RELEASE: Household hazardous waste collection event coming to #Harrisonville on June 21 http://ow.ly/xVIVd

RecycleSpot.org@RecycleSpot · Jun 11

Recycle #cosmetics containers (regardless of brand) at your nearest @Origins retail store or department store counter http://ow.ly/xNkYb

RecycleSpot.org@RecycleSpot · Jun 10

Would you like a box for that? Reduce waste by taking a durable container for leftovers http://ow.ly/xxSMT via @EthicalFoods

RecycleSpot.org retweeted

Silicon Prairie News@SiliconPrairie · Jun 10

How @PlanetReuse helped save the world's largest pop art painting & wound up on ESPN http://spne.ws/j1V

RecycleSpot.org@RecycleSpot · Jun 10

How to #Recycle DVDs and DVD Cases: http://ow.ly/xNjgM via @1800Recycling

RecycleSpot.org@RecycleSpot · Jun 9

One person's trash is another person's . . . purse? http://ow.ly/xNiRo via @Bloomberg #upcycling @TerraCycle

RecycleSpot.org@RecycleSpot · Jun 6

Digital files and bans on plastic: which of these emerging #recycling trends are you already doing? http://ow.ly/xIB4z

RecycleSpot.org@RecycleSpot · Jun 2

Recycle items you didn't know were recyclable! http://ow.ly/xxR83 via @usatoday @TerracCycle

RecycleSpot.org@RecycleSpot · May 31

Take a vacation from waste when you take your summer holiday http://ow.ly/wL5Ib

RecycleSpot.org@RecycleSpot · May 30

Now THAT's innovation! Reverse vending machines used by IKEA in Scotland http://ow.ly/xjSdl

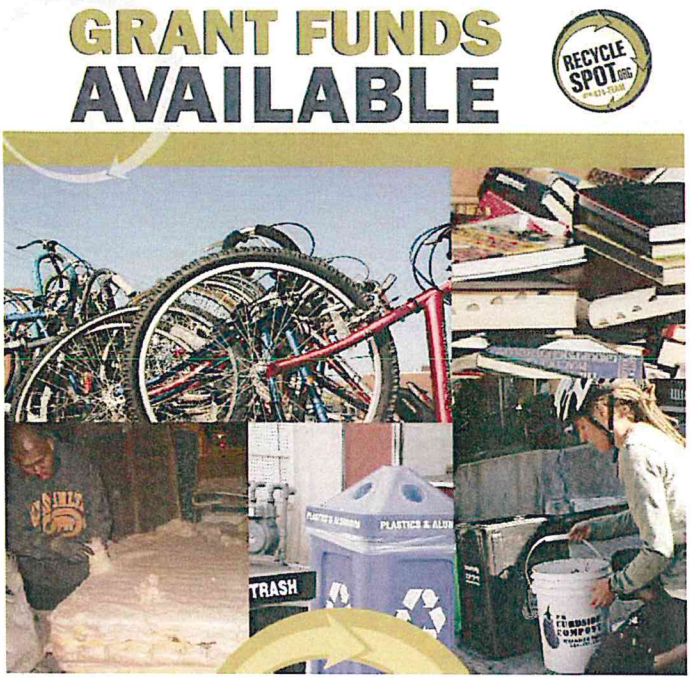
YouTube

RecycleSpot.org@RecycleSpot · May 29

A day in the life of recyclable material http://ow.ly/xjRSl via @SAI

RecycleSpot.org@RecycleSpot · May 28

GRANT OPPORTUNITY for waste reduction, reuse & recycling projects; pre-proposal due July 2 http://ow.ly/xmXA8 pic.twitter.com/5w4y6o4pl0



RecycleSpot.org@RecycleSpot · May 28

Ridiculous Infomercial "Problems", Solved http://ow.ly/xjRkZ via @Recyclebank #recycle

RecycleSpot.org@RecycleSpot · May 27

Household Hazardous Waste collection at 103 E Water St, Excelsior Springs this Sat, 8AM-noon for Excelsior, Lawson...http://ow.ly/xjYQx

RecycleSpot.org@RecycleSpot · May 27

New York is top of the heap in garbage-hauling costs http://ow.ly/xjR5p via @nypost

RecycleSpot.org@RecycleSpot · May 27

Dept. of Homeland Security Facility in Lee's Summit Receives Top Award from EPA's Federal Green Challenge http://ow.ly/xjSOY @cityofls

RecycleSpot.org@RecycleSpot · May 27

Recycling Windshields: It's the Right Thing to Do http://ow.ly/xj2vs #recycle

RecycleSpot.org retweeted

Earth911.com@Earth911 · May 22

All Hands On Deck: Getting Kids Involved http://www.earth911.com/inspiration/all-hands-on-deck-getting-kids-involved/ ...

RecycleSpot.org@RecycleSpot · May 22

NEWS RELEASE: HHW collection event coming to Excelsior Springs on May 31 http://ow.ly/x9gkM

RecycleSpot.org retweeted

Reuseit.com@Reuseit_store · May 21

Thanks for the love, @RecycleSpot. Great tips, wish #Charlottesville had such a great one stop shop for #recycling info!

RecycleSpot.org@RecycleSpot · May 21

At 9 PM CST tonight the premier of "One Man's Trash" will air on @ovationtv featuring artists making art from waste! http://youtu.be/SKGLCSQfq4E

YouTube

RecycleSpot.org@RecycleSpot · May 21

10 Shocking Photos That Will Change How You See Consumption And Waste via @HuffPostArts http://ow.ly/x4I9N

RecycleSpot.org@RecycleSpot · May 20

Don't pack your picnic basket with waste — http://reusit.com can help you go durable! http://ow.ly/wL6sY @Reuseit_store

RecycleSpot.org retweeted

KBIA@KBIA · May 6

See how universities cut costs, and #foodwaste, by #composting what would otherwise be trash. http://j.mp/1qaz3sR pic.twitter.com/UdaJT9T28h

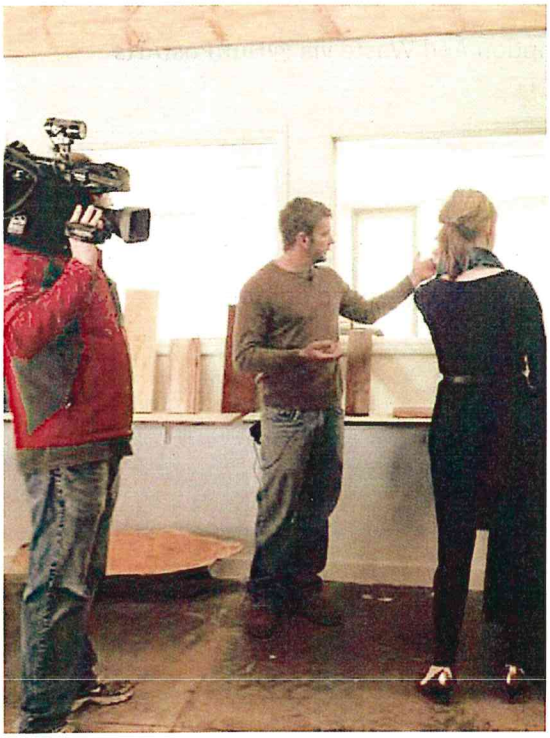
RecycleSpot.org@RecycleSpot · May 16

What if your bike were already at work? Check out furniture made w/recycled bike parts! http://ow.ly/wVLID #BikeToWorkKC @1800Recycling

RecycleSpot.org retweeted

The Urban Lumber Co@KCUrbanLumberCo · May 15

Founder and owner Tim O'Neill being interviewed by @KCTV5 ahead of our grand opening weekend http://urbanlumberco.com pic.twitter.com/ZRkTy64UeN



RecycleSpot.org@RecycleSpot · May 14

Tips for #recycling end of year school supplies for back to school via @KCEdventures http://ow.ly/wL47I

RecycleSpot.org@RecycleSpot · May 13

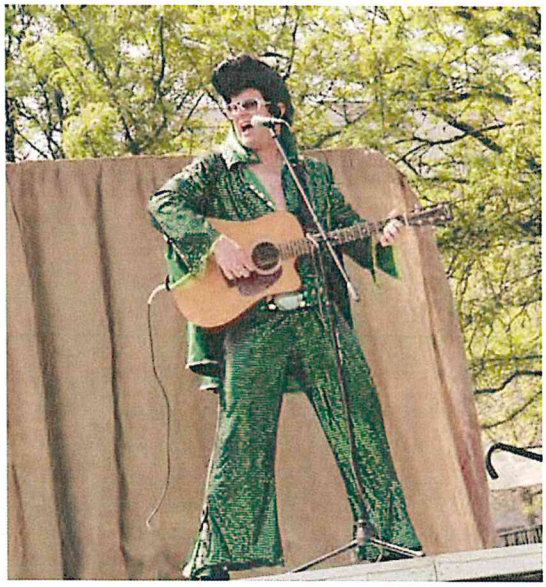
Build it and they will come. Tear it down and they'll #recycle it! http://ow.ly/wNKiq

RecycleSpot.org@RecycleSpot · May 12

ICYMI: Fun story about RecycleSpot's own Matt Riggs as alter ego Eco Elvis via @41ActionNews http://RecycleSpot.org pic.twitter.com/wqpHtsIbx8

RecycleSpot.org@RecycleSpot · May 9

Don't miss an exclusive interview with our own Eco Elvis during 5:00 (or 6:00) p.m. news on channel 41 @41ActionNews pic.twitter.com/eNEIQ7PQy6



RecycleSpot.org@RecycleSpot · May 2

Electronics recycling available on site at tomorrow's #EarthWalk. High temp expected to be mid-70s...perfect! @BTG_KC http://earthdaykc.org

RecycleSpot.org retweeted

Harvesters.org@HarvestersORG · May 1

Bring food donations & other items you don't need to Arrowhead Stadium Saturday for recycling event. http://bit.ly/1o7FKr0

RecycleSpot.org@RecycleSpot · May 1

MT via @MARCKCMetro The Urban Lumber Co is repurposing otherwise wasted urban lumber from KC. Showroom opens 5/17 pic.twitter.com/hJIc6VwlyI

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · May 1

Excited to learn about the new The Urban Lumber Co. at today's @GreenabilityMag team lunch http://urbanlumberco.com #KC pic.twitter.com/VJbud99Jfp

RecycleSpot.org@RecycleSpot · Apr 29

Another #recycling drive this Saturday! @KCChiefs from 8 a.m. to noon @atArrowhead. List of accepted items: http://ow.ly/wiI7H #KC

RecycleSpot.org@RecycleSpot · Apr 28

Make plans to recycle about anything on Sat., May 3, at the #OverlandPark 2014 Spring Recycling Extravaganza http://ow.ly/wgcas @opcares

RecycleSpot.org@RecycleSpot · Apr 25

Register today to participate in the @BTG_KC #EarthWalk on Sat. May 3rd! http://earthdaykc.org

RecycleSpot.org@RecycleSpot · Apr 25

Don't forget! You can safely & responsibly dispose of old prescription drugs tomorrow, 10 am-2 pm. Find a location: http://ow.ly/w5MNm

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Apr 24

Earth Month Eco-Tip Day 24: How do you dispose of your household appliances? Many options in JoCo & KC! http://ow.ly/w8uMe @MARCKCMetro

RecycleSpot.org retweeted

Ripple Glass@rippleglass · Apr 24

Did you know that over 200 local businesses recycle glass? See if your favorite place is one on our locator map! http://www.rippleglass.com/how-to-recycle/businesses/ ...

RecycleSpot.org@RecycleSpot · Apr 23

Saturday is National Prescription Take Back Day. Locate a collection site near you: http://ow.ly/w5P64 pic.twitter.com/Ywa00KaRKo

RecycleSpot.org@RecycleSpot · Apr 23

Attend the Northland Recycling Extravaganza this Sat., April 26, 9 am-1 pm at 6305 NW Riverpark Drive @RiversideMO http://ow.ly/w53oz

RecycleSpot.org@RecycleSpot · Apr 23

Congrats to @Sprint for winning the EPA WasteWise National Partner of the Year Award for "very large companies" http://ow.ly/w4YAZ

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · Apr 22

Hi NASA! MARC's on Earth Right Now in #KansasCity. #GlobalSelfie pic.twitter.com/CPn7dyeTTA

RecycleSpot.org@RecycleSpot · Apr 22

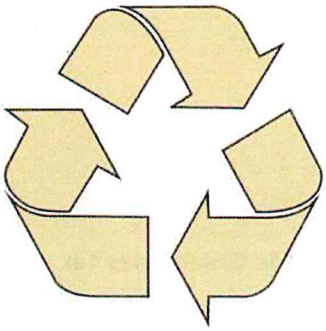
For Earth Day, we commit to protecting the climate. Take small actions that add up! #ActOnClimate http://thndr.it/1hw7i8a

RecycleSpot.org@RecycleSpot · Apr 22

Happy #EarthDay! We celebrate with a shout-out to an icon in the field: http://ow.ly/vZOxa

RecycleSpot.org@RecycleSpot · Apr 22

Happy Earth Day! Ever wondered how the "chasing arrows" symbol came to be? Read this: http://ow.ly/w2730 #KC pic.twitter.com/Wy0xpL9GrA



RecycleSpot.org retweeted

Park Advancement@advancingpark · Apr 21

Eco Elvis of @MARCKCMetro is back in the building (supporting the @ParkUniversity Geo Club) pic.twitter.com/D1zbmD2XQ2

RecycleSpot.org@RecycleSpot · Apr 21

NEW BLOG POST: Donation is always in fashion. Where to donate old clothes? How can you organize a swap? Read this: http://ow.ly/3jwq9G

RecycleSpot.org retweeted

MoRevenue@MoRevenue · Apr 14

Need a new appliance? Go green and save money April 19-25 during the #ShowMe Green Sales Tax Holiday! http://ow.ly/vLNd4

RecycleSpot.org@RecycleSpot · Apr 17

Celebrate #EarthDay in #KC! http://ow.ly/vTDGT http://ow.ly/i/5hmzT

RecycleSpot.org retweeted

Blue Springs@BlueSpringsGov · Apr 15

Household Hazardous Waste Collection Event, Sat., April 19, 8 a.m. to noon, Pink Hill Park. http://goo.gl/0ExPll pic.twitter.com/GrvHIS12If

RecycleSpot.org@RecycleSpot · Apr 14

Congrats @UMKansasCity for coming in second in @RecycleManiacs RecycleMania competition! http://ow.ly/vLYzJ

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Apr 13

Earth Month Eco-Tip Day 13: Recycle your electronics #TV #Computers #More @RecycleSpot @TheSurpExchange @VintageTech pic.twitter.com/WG7vUfuJ8V

RecycleSpot.org@RecycleSpot · Apr 11

.@SEEnterp, you're welcome! MT: Thank you to @MARCKCMetro for helping us with the Holiday Lights Recycling Program! http://ow.ly/vGMm3

RecycleSpot.org@RecycleSpot · Apr 11

NEW BLOG POST: How much household waste does your family throw out each week? These 8 families found out! http://ow.ly/vGILq #recycle

RecycleSpot.org@RecycleSpot · Apr 11

Stop by to see @RecycleSpot at tomorrow's Earth Fair! MT via @PrairieVillage: Plan to attend Earth Fair this Sat 10-3 http://bit.ly/1sHoyfm

RecycleSpot.org retweeted

CatholicCharitiesKC@CharityCatholic · Apr 10

#TBT To Earth Day 2011. Eco Elvis performed at Christ the King Senior Center. @LisaTulp @MARCKCMetro #135YearsStrong pic.twitter.com/PTkzhgCwxc

RecycleSpot.org@RecycleSpot · Apr 7

Earth Day is April 22! Check out our listing of local #EarthDay events at http://ow.ly/vw63X

RecycleSpot.org retweeted

U.S. EPA@EPA · Apr 4

In 2012, #recycling & #composting reduced greenhouse gas emissions equal to almost 33M cars. http://go.usa.gov/bPxB #MSWinfo

RecycleSpot.org@RecycleSpot · Apr 4

The @MARCKCMetro 2013 Annual Review is here, highlighting our work with partners and committees in the region. http://ow.ly/vr1er

RecycleSpot.org@RecycleSpot · Apr 2

RT @KCPTnews: Join in April for the No MOre Trash! Bash http://bit.ly/1oryytN via @RecycleSpot #scienceKCPT @MDC_online @MoDOT

RecycleSpot.org@RecycleSpot · Apr 1

Congrats Smithville Primary Elementary! They're the K-2-Grade winners of @MDC_online's annual trash-can contest http://ow.ly/i/561Wq

RecycleSpot.org@RecycleSpot · Mar 31

Help fight litter in #Missouri through April Trash Bash: http://nomoretrash.org/trash-bash via @MDC_online & @MoDOT. You can help!

RecycleSpot.org@RecycleSpot · Mar 28

Company goes #trash free via @KCTV5 http://ow.ly/v8Wja @SwissRE #KC

RecycleSpot.org retweeted

State of Missouri@MoGov · Mar 20

#MoGovMinute - School groups can tour Ozark Caverns for free by recycling aluminum cans. http://on.mo.gov/1gXKNF8

RecycleSpot.org@RecycleSpot · Mar 28

Thank you, @swissre and @JoCoRecycles for speaking about your internal #recycling programs during our luncheon today! http://ow.ly/i/53Dwg

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Mar 28

Going to talk about recycling efforts @jocogov with the @MARCKCMetro Recycling Luncheon #ReduceRecycleReuse #JoCoRecycles

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Mar 27

Bring Your Appliances Back To Life!! This isn't a horror movie #RecycleIt Don't Trash It http://ow.ly/v3lL8 @MARCKCMetro @RecycleSpot

0 replies1 retweet1 favorite

RecycleSpot.org@RecycleSpot · Mar 26

Want to #recycle old appliances in #KC? http://ow.ly/uZTUa Check out our most recent #environment blog post!

RecycleSpot.org@RecycleSpot · Mar 25

Congrats to our 2014 Solid Waste Management District grantees! See the complete list on our #environment blog: http://ow.ly/uWXvk #KC

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · Mar 21

What could you do with a FREE historic Missouri River #bridge? Submit a proposal to @MoDOT by May 23 http://modot.org/freebridges/ #transportation

RecycleSpot.org@RecycleSpot · Mar 20

MT via @SpamDino Gr8 reuse/biz opp. Nice work! MT @MidtownKCPoster: Vacant 31st St bldg -> mattress recycling factory http://wp.me/p4dLFj-4Be

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Mar 19

DO YOU HAVE BATTERIES YOU WANT TO GET RID OF BUT DON'T KNOW HOW? CHECK OUT THIS GREAT ARTICLE! http://ow.ly/uKh3t @MARCKCMetro @jocogov

RecycleSpot.org@RecycleSpot · Mar 18

NEW BLOG POST! Closing the loop: from your #recycling bin back to you http://ow.ly/uIHjM

RecycleSpot.org@RecycleSpot · Mar 17

Did you know Friday was National Quilting Day? We appreciate the skills of the original textile recyclers — quilters! http://ow.ly/uFlhq

RecycleSpot.org@RecycleSpot · Mar 14

Go green on St. Patrick's Day with these great ways to reduce and reuse! http://ow.ly/uBnCh

RecycleSpot.org@RecycleSpot · Mar 11

NEW BLOG POST: #Recycle your ride! http://ow.ly/utwmq Where to take oil, batteries, entire cars and more for #reuse or recycling in #KC

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Mar 11

What not to do!! Plenty of recycling options around JoCo and KC. @RecycleSpot @VintageTech @TheSurpExchange pic.twitter.com/P8mJaRaMyH

RecycleSpot.org retweeted

KCPT News@KCPTnews · Mar 9

Household Hazardous Waste (HHW) Mobil Collection events via http://bit.ly/1e9ZnIO @RecycleSpot #scienceKCPT

RecycleSpot.org retweeted

Liberty Missouri@LibertyMissouri · Mar 6

News Flash: Tornado drill today (3/6); Stop leaks, save $; w/@RecycleSpot we properly disposed of 135 tons of HHW http://conta.cc/1dvUQn2

RecycleSpot.org@RecycleSpot · Mar 5

Make your home safe by properly disposing of dangerous products through one of our mobile collection events: http://ow.ly/uhgiV #KC #HHW

RecycleSpot.org@RecycleSpot · Mar 4

NEW BLOG POST: What type of #recyclable waste could weigh as much as 11 Great Pyramids of Giza by 2017? http://ow.ly/uehJI

RecycleSpot.org retweeted

KCPT News@KCPTnews · Mar 3

Report on Waste Reduction Practices in Kansas via http://bit.ly/1cR4BIT @RecycleSpot #scienceKCPT

RecycleSpot.org@RecycleSpot · Mar 1

Planning for spring break with the kids? Check out these ultra-creative #crafting ideas using recyclables! http://ow.ly/tZtIa #recycle

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Feb 28

WHAT HAPPENS TO YOUR RECYCLABLES AFTER THEY LEAVE YOUR HOUSE? Great info from @RecycleSpot pic.twitter.com/0AC7sphpwY

RecycleSpot.org@RecycleSpot · Feb 25

Does March madness mean upgrading your TV? Then recycle your old TV & other electronics responsibly. Learn where at http://recyclespot.org !

RecycleSpot.org retweeted

KCPT News@KCPTnews · Feb 19

KDHE Issues Report on Waste Reduction Practices in Kansas via http://bit.ly/1cR4BIT @RecycleSpot #scienceKCPT

RecycleSpot.org@RecycleSpot · Feb 18

NEW BLOG POST: Happy National #Battery Day, #KC! http://ow.ly/tKn2g How do you #recycle them when they stop going and going?

RecycleSpot.org@RecycleSpot · Feb 15

Tuesday (Feb. 18) is National Battery Day. Celebrate by dropping off your old batteries at the #KCMO HHW facility. http://ow.ly/tyQOi

RecycleSpot.org@RecycleSpot · Feb 13

NEWS RELEASE: Cass County and Grain Valley re-join Regional HHW Program http://marc.org/Media-Center @MyGrainValley

RecycleSpot.org@RecycleSpot · Feb 12

MT via @KDHE: The #recycling rate in Kansas has risen from approx 18% to 34% since 2005. #Composting also increased. http://ow.ly/twRJ9

RecycleSpot.org@RecycleSpot · Feb 11

Thanks @JoCoRecycles! MT: Let's get rid of the Styrofoam!! Next step Styrofoam drink cups http://ow.ly/twDGV @MARCKCMetro

RecycleSpot.org retweeted

Earth911.com@Earth911 · Feb 9

Low-waste, #ecofriendly #Valentine's Day gifts your kids can make and share with friends. Thanks @EcoMom_DeForbes! http://ht.ly/tp9kP

RecycleSpot.org@RecycleSpot · Feb 11

NEW BLOG POST: #Cycling & #Recycling http://ow.ly/tw69c . Learn about how @RevolveKC is helping to divert bikes from landfills! #KC

RecycleSpot.org retweeted

1-800-RECYCLING.com@1800Recycling · Feb 8

.@KU_Recycling's Rock Chalk Recycle program has made recycling at Allen Fieldhouse more convenient than ever before. http://bit.ly/LFKXYO

RecycleSpot.org@RecycleSpot · Feb 7

Did you know February is National Library Lovers Month? 10 helpful ways to recycle used books via @goodhousemag http://ow.ly/tp7NR

RecycleSpot.org@RecycleSpot · Feb 3

NEW BLOG POST: Several cities have introduced bans on foam food service products: http://ow.ly/teXVQ Click to learn what YOU can do!

RecycleSpot.org@RecycleSpot · Feb 3

CONGRATS, @SEEnterp! MT: We did it #KC! We exceeded our goal! We collected 36,937 lbs of lights & still have more to weigh. @KCRecycleLights

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Jan 31

Want to recycle an old computer, TV or other electronic. Check out http://recyclespot.org/ for locations near you!!! #RecycleIt @RecycleSpot

RecycleSpot.org@RecycleSpot · Jan 30

NEW BLOG POST: Zoo's penguin exhibit built with animals and environment in mind http://ow.ly/t78Ia #kc @KansasCityZoo #penguin

RecycleSpot.org@RecycleSpot · Jan 28

Congrats to Graden Elementary in @parkvillemo for being MO's winner in @kabtweet's Recycle-Bowl! http://ow.ly/t3aIg @ParkHillSchools

RecycleSpot.org@RecycleSpot · Jan 28

Super Bowl will be coldest, could also be greenest (food composting, biodiesel fuel, etc) http://ow.ly/t2GFc via @SINow #SB48 @SuperBowl

RecycleSpot.org retweeted

SoutheastEnterprises@SEEnterp · Jan 24

Help company that employs workers with disabilities meet their Christmas lights goal http://link.fox4kc.com/1av9SdL via @fox4kc

RecycleSpot.org@RecycleSpot · Jan 23

NEW BLOG POST! http://ow.ly/sSHdS @MLB scores big with recycling with @NRDC. Plus how the @Royals are going green! #Royals #KC

RecycleSpot.org@RecycleSpot · Jan 22

Keep America Beautiful Park Recycling Bin Grant program: 2014 applications now being accepted! Deadline is Feb 11. http://ow.ly/sQwyH

RecycleSpot.org retweeted

KCPT News@KCPTnews · Jan 14

Where to recycle Christmas trees and wreaths in the KC metro via http://bit.ly/1frTegV @RecycleSpot #scienceKCPT

RecycleSpot.org@RecycleSpot · Jan 13

Taking down those holiday lights? Finding a few that don't work? You can give them to @SEEnterp until 1/26! http://ow.ly/sybkL #recycle

RecycleSpot.org@RecycleSpot · Jan 8

NEW BLOG POST: We are proud to #recycle! http://ow.ly/soelu #KC

RecycleSpot.org retweeted

JobOne

JobOne@Job1One · Jan 3

Tips on where to recycle Christmas trees and wreaths in the KC metro from @kcstar and @RecycleSpot. http://ow.ly/sf2eQ

RecycleSpot.org@RecycleSpot · Dec 27

NEW BLOG POST! http://ow.ly/s5UAr Grantee @SleepyheadBeds helps kids in the #KC region & keeps mattresses out of landfills

RecycleSpot.org@RecycleSpot · Dec 26

Green up your clean up! Recycle your holiday tree, save gift boxes and tissue paper & donate gently used items. Visit http://RecycleSpot.org

RecycleSpot.org@RecycleSpot · Dec 23

NEWS RELEASE: "Treecycle" your #holiday tree; natural holiday greenery can be recycled, too http://ow.ly/s1wDL #recycle

RecycleSpot.org retweeted

KCPT News@KCPTnews · Dec 22

Need to know the right set-up for recycling at your home? Here's how via http://bit.ly/1cGVcTu from @RecycleSpot #scienceKCPT

RecycleSpot.org retweeted

KCPT News@KCPTnews · Dec 21

Why Recycle E-Waste? Here's why via http://bit.ly/1c8BdAx from @TheSurpExchange #scienceKCPT

RecycleSpot.org@RecycleSpot · Dec 19

NEW BLOG POST: There's a green elephant in the room! http://ow.ly/rVwcn Happy National #Regifting Day!

RecycleSpot.org@RecycleSpot · Dec 19

#Reduce your wrapping! Wrap with posters, maps & funny papers. Reuse boxes, tissue paper & bows. http://RecycleSpot.org #recycle

RecycleSpot.org@RecycleSpot · Dec 17

NEW BLOG POST: Shop #sustainable for the holidays! http://ow.ly/rRdTs Here are 7 websites that can help. #airquality #recycle

RecycleSpot.org@RecycleSpot · Dec 15

Green your holiday gathering! Use durable tableware, recycle cans and bottles, and compost food waste http://RecycleSpot.org #sustainability

RecycleSpot.org@RecycleSpot · Dec 13

Give gifts that keep on giving! Buy used, make a donation in someone's name or give an experience http://RecycleSpot.org #recycle #KC

RecycleSpot.org@RecycleSpot · Dec 12

NEW BLOG POST: Congrats to all of our 2013 SWMD awardees! http://ow.ly/rIiJg #recycle #kc

RecycleSpot.org@RecycleSpot · Dec 11

MT @JohnMcGrathKCPT: Keynote during @MARCKCMetro #SWMD annual meeting by Dr. Martinich from @umsl pic.twitter.com/W7ctYpCY73

RecycleSpot.org retweeted

Johnson Co. Recycles@JoCoRecycles · Dec 11

@JohnMcGrathKCPT @MARCKCMetro Recycle/reuse industry creates jobs #RecyclingMakesCents #SWMD pic.twitter.com/SmeA0WyqzO

RecycleSpot.org@RecycleSpot · Dec 10

Have your holiday lights lost their twinkle? #Recycle them throughout the #KC metro: http://kcrecyclelights.com @KCRecycleLights

RecycleSpot.org retweeted

Ripple Glass@rippleglass · Dec 9

We produce more waste during the holiday season than any other time of the year. Learn how to green your season here: http://www.rippleglass.com/greening-your-holiday-season ...

RecycleSpot.org@RecycleSpot · Dec 6

Green your greetings! Send recycled-content cards, recyclable handmade cards or e-cards. Donate used cards. Visit http://RecycleSpot.org

RecycleSpot.org@RecycleSpot · Dec 6

NEW BLOG POST: Fight food waste at your festivities http://ow.ly/rwl9G Use @LFHW_UK's portion calculator & more tips #compost #recycle

RecycleSpot.org@RecycleSpot · Dec 3

RT @Job1One: JobOne Recycling Services in #Grandview now pays cash for used aluminum beverage cans. #recycle http://ow.ly/r49oC

RecycleSpot.org@RecycleSpot · Dec 3

Decorate green! Use pre-owned décor and/or make handmade decorations that are reusable or recyclable. Visit http://RecycleSpot.org #Recycle

RecycleSpot.org retweeted

KC Water@KCMOwater · Dec 2

Have gross Thanksgiving leftovers like turkey fryer oil? Safely dispose of it at our HHW Facility: https://www.kcwaterservices.org/household-hazardous-waste/ ... #KC

RecycleSpot.org@RecycleSpot · Nov 26

NEW BLOG POST: A bright idea for Southeast Enterprises: recycle your holiday lights! http://ow.ly/rcCx4 @KCRecycleLights #kc #recycle

RecycleSpot.org@RecycleSpot · Nov 25

RT @airqkc: NEW BLOG POST: Bright Lights, Big Savings: http://ow.ly/ra2wZ Regional cities have brighter streets, lower electric bills.

RecycleSpot.org@RecycleSpot · Nov 22

RT @rippleglass: Can bottle caps be recycled? Yes, but it takes a little extra effort. Read more on our blog: http://www.rippleglass.com/you-can-recycle-bottle-caps/ ...

RecycleSpot.org@RecycleSpot · Nov 19

NEW BLOG POST: "Would you like a bag for that?" http://ow.ly/qYye1 #recycle #reuse

RecycleSpot.org retweeted

KC Recycle Lights@KCRecycleLights · Nov 18

@RecycleSpot Please help get the word out. Recycle Christmas lights here.... http://www.southeastenterprises.org/kcrecyclelights/drop-off-locations/ ...

RecycleSpot.org@RecycleSpot · Nov 18

Special series via @nprnews: "The Sharing #Economy: A Shift Away From Ownership?" http://ow.ly/qW1On @kceconomy

RecycleSpot.org@RecycleSpot · Nov 15

Happy #AmericaRecyclesDay! MARC employees are having fun with our annual Clean Out Your Files Day event! @recyclesday http://ow.ly/i/3JKrd

RecycleSpot.org retweeted

Bridging The Gap@BTG_KC · Nov 15

We will be at the Sprint Center until 1pm recycling electronics. Clean out your garage and come see us! http://fb.me/1c86EUq9x

RecycleSpot.org@RecycleSpot · Nov 15

Today is #AmericaRecyclesDay! I pledge to recycle more, waste less & encourage others to do the same. http://thndr.it/184Whmi

RecycleSpot.org retweeted

The Home Depot@HomeDepot · Nov 7

Trade in your incandescent lights to be #recycled at #HomeDepot & receive a discount on new #LED #Christmas lights pic.twitter.com/bh0uUIZnqX

RecycleSpot.org@RecycleSpot · Nov 13

Awesome job, @CityofLS for promoting "Lug-a-Mug" and "Pack-a-Sack" waste reduction programs! http://ow.ly/qNkHr

RecycleSpot.org@RecycleSpot · Nov 13

NEW BLOG POST: Beyond The Bulb launches new #energy calculator http://ow.ly/qN4jb . How much $ could you save?

RecycleSpot.org retweeted

City of Lawrence KS@lawrenceks · Nov 13

The City of Lawrence and the University of Kansas bring national recycling celebration to town http://lawks.us/18rZ4Gs

RecycleSpot.org@RecycleSpot · Nov 13

Who's making outstanding contributions to waste reduction & #recycling in the #KC region? Award nominations due 11/20 http://ow.ly/q6kZg

RecycleSpot.org@RecycleSpot · Nov 13

Celebrate #AmericaRecyclesDay on Nov. 15! Give your old stuff a second life by getting it out of yours. http://www.RecycleSpot.org

RecycleSpot.org@RecycleSpot · Nov 12

NEW BLOG POST: http://ow.ly/qKkqa Give your old stuff a second life by recycling! #AmericaRecyclesDay #recycling

RecycleSpot.org@RecycleSpot · Nov 11

Celebrate #AmericaRecyclesDay in the #KC area at one of these recycling events! http://ow.ly/qIiYn Everything from cans to electronics.

RecycleSpot.org@RecycleSpot · Nov 9

Which elected official or public employee made an impact on waste reduction & recycling in #KC? Nominations due 11/20 http://ow.ly/qwrfI

RecycleSpot.org retweeted

Sprint Center@SprintCenter · Nov 8

#SprintCenter supports #AmericaRecyclesDay Nov 15 as location for Electronic Recycling @kabtweet #KeepKCBeautiful http://bit.ly/17jlIWD

RecycleSpot.org@RecycleSpot · Nov 8

RT @MARCKCMetro: NEW BLOG POST about the $2.575M #Solar Ready II grant awarded this week: http://ow.ly/qD7Y6

RecycleSpot.org@RecycleSpot · Nov 6

Who in #KC is making outstanding contributions to waste reduction or #recycling (person or org)? Nominate them today! http://ow.ly/qwqD2

RecycleSpot.org retweeted

TED Talks@TEDTalks · Nov 5

Today's #TED: "trash anthropologist" Robin Nagle tells us why she's obsessed with garbage: http://on.ted.com/trash

RecycleSpot.org@RecycleSpot · Nov 5

NEW BLOG POST! Pendleton Heights Curbside Compost Program – Powered by Bicycle! http://ow.ly/qvU5i #composting #bicycle #kc

RecycleSpot.org@RecycleSpot · Nov 1

Five of the "Trashiest" Documentaries Streaming on Netflix http://ow.ly/ql3fH #recycling

RecycleSpot.org retweeted

Waste & Recycling@wasterecycling · Oct 29

Don't just trash your #jackolantern after #Halloween! Reduce waste with our 5 easy tricks to #composting your pumpkin http://ow.ly/qicts

RecycleSpot.org@RecycleSpot · Oct 30

NEW BLOG POST: Recycling is an economic tool. http://ow.ly/qkykP Recyclables have value, and #recycling creates jobs.

RecycleSpot.org retweeted

Aluminum Association@AluminumNews · 25 Oct 2013

#Aluminum can #recycling rate hits 20-year high at 67% http://ow.ly/25XJsG via @wsj @mattmday

RecycleSpot.org@RecycleSpot · 24 Oct 2013

Here's a great behind-the-scenes look at how your used glass containers are recycled via @rippleglass! http://ow.ly/q8EXj #recycle #KC

YouTube

RecycleSpot.org@RecycleSpot · 23 Oct 2013

Nominate people or org's making outstanding contributions to waste reduction & #recycling in the KC region, due 11/20 http://ow.ly/q6kZg

RecycleSpot.org@RecycleSpot · 22 Oct 2013

Saturday is National Prescription Drug Take-Back Day. Locate a collection site to near you! http://ow.ly/oXNzW

RecycleSpot.org@RecycleSpot · 18 Oct 2013

Can you believe 40% of people don't recycle any bathroom items? Learn how you can do more via @JNJNews http://caretorecycle.com/ #CaretoRecycle

RecycleSpot.org@RecycleSpot · 16 Oct 2013

Got old antifreeze, batteries, oil & paint? Last 2013 HHW mobile event is 10/19 @LibertyMissouri City Hall pkg lot! http://ow.ly/pSiZY

RecycleSpot.org@RecycleSpot · 13 Oct 2013

NEWS RELEASE: Household Hazardous Waste (HHW) collection event coming to @LibertyMissouri on Oct. 19 http://ow.ly/pLe37

RecycleSpot.org@RecycleSpot · 12 Oct 2013

Attend "Urban Ore: To End the Age of Waste" 10/16, 9-10:30 am. MARC SWMD presents Dan Knapp. RSVP http://ow.ly/pLcAg . @BTG_KC @urbanore

RecycleSpot.org retweeted

TerraCycle@TerraCycle · 9 Oct 2013

Do you know a student or teacher who is making a great impact on the environment? Nominate them to win... http://bit.ly/1dUpFjv

RecycleSpot.org@RecycleSpot · 8 Oct 2013

NEW BLOG POST: October is Energy Awareness Month. http://ow.ly/pCuBN

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 8 Oct 2013

Attend "H2 Woes: The Bottled Water Blues" by Jennifer Byer tomorrow evening 6:30-8:00 p.m. @VillageChurchPV call 913-671-2333 to register.

RecycleSpot.org@RecycleSpot · 7 Oct 2013

MARC's email & internet are currently down. Please call our main office number, 816-474-4240, if you need to reach MARC staff. Thanks.

RecycleSpot.org retweeted

Kansas City Parent@KCParent · 1 Oct 2013

Oct 9 is Walk to School Day - learn more at http://www.kcparent.com/October-2013/The-Wheels-on-the-Bus-are-Keds/ ... http://fb.me/QT8hn1bq

RecycleSpot.org@RecycleSpot · 26 Sep 2013

Do you think you pay too much on your energy bills? Enter to win a home energy makeover! http://ow.ly/pfniL

RecycleSpot.org@RecycleSpot · 24 Sep 2013

MT @CityOfRaymoreMO: Don't forget there's a household hazardous waste collection event in #Raymore this Sat, 8-noon http://ow.ly/papOT

RecycleSpot.org@RecycleSpot · 24 Sep 2013

1st wknd iPhone sales top 9 mil, sets new record http://ow.ly/pa9D3 , via #apple. #Recycle your old cell phones! http://RecycleSpot.org

RecycleSpot.org retweeted

JobOne

JobOne@Job1One · 20 Sep 2013

Who was cool -- despite the heat -- at the JobOne Recycling Services open house yesterday? Eco Elvis! http://ow.ly/i/3cRCk

RecycleSpot.org@RecycleSpot · 19 Sep 2013

KC Green & @KCMO 3rd Dist.'s Melba Curls honor Center City, Ivanhoe, Pendleton Heights & Avalon View for eco efforts! http://ow.ly/i/3c88H

RecycleSpot.org@RecycleSpot · 19 Sep 2013

Go Eco Elvis, go! Here's a pic of him kicking off the KC Green Fair in Ilus Davis Park a little while ago. http://ow.ly/i/3c5GE

RecycleSpot.org@RecycleSpot · 19 Sep 2013

NEW BLOG POST! Where does all that Household Hazardous Waste go? http://ow.ly/p1Cws 90–95% in #KC #HHW program is recycled or recovered.

RecycleSpot.org@RecycleSpot · 18 Sep 2013

No plans for lunch tomorrow? Head to the KC Green Fair in Ilus Davis Park in downtown #KCMO at 11 a.m. Food trucks, Zoomobile, giveaways...

RecycleSpot.org@RecycleSpot · 18 Sep 2013

Tonight Al Pugsley will present "Electric Auto Evolution" 6:30-8:00 p.m. @VillageChurchPV. There'll even be an electric Tesla on site!

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 17 Sep 2013

NEW BLOG POST: We waste HOW much energy? http://ow.ly/oXVVK

RecycleSpot.org retweeted

Leslie Collins@lcollinsKCBJ · 17 Sep 2013

#IKEA just announced a massive energy-efficient project for its new Merriam store—the biggest in Kansas/Missouri: http://bizj.us/t9053 #KC

RecycleSpot.org@RecycleSpot · 17 Sep 2013

NEW BLOG POST: #KC Patent Activity Picks Up. http://ow.ly/oXFfJ

RecycleSpot.org@RecycleSpot · 17 Sep 2013

Congrats to @UMKansasCity for Outstanding Community Program & @MilbankWorks for Outstanding Large Bus.Waste Reduction Program #moracoamconf

RecycleSpot.org@RecycleSpot · 13 Sep 2013

New UN report: 1.3 bil. tonnes of food is wasted annually http://ow.ly/oOZvL ; in the KC area food = 17% of waste http://ow.ly/oOZC1

RecycleSpot.org@RecycleSpot · 12 Sep 2013

We saved 999,151 miles during the Green Commute Challenge. http://ow.ly/oOHXs Way to go, #KC metro! #gcc2013

RecycleSpot.org@RecycleSpot · 12 Sep 2013

Oregon to study ways to boost plastics #recycling. http://ow.ly/oOYSO

RecycleSpot.org retweeted

MARC AirQ Program@airqkc · 9 Sep 2013

New blog post! http://ow.ly/oHPPw Shake off the #carpool jitters with these tips. It saves money and our air! #airquality

RecycleSpot.org retweeted

MARC AirQ Program@airqkc · 6 Sep 2013

TOMORROW is an ORANGE Ozone Alert day. Try using a charcoal chimney instead of lighter fluid when grilling: http://ow.ly/oDNIX

RecycleSpot.org@RecycleSpot · 5 Sep 2013

MT @EPA: Hunger Awareness Mo.: 50 mil Americans don't have access to enough food. Donate food to those in need, not landfills @HarvestersORG

RecycleSpot.org retweeted

Kansas City, Mo.@KCMO · 4 Sep 2013

The KC Green Fair is Sept 19 11am-2pm at Ilus Davis Park, 11th & Oak. Learn how to be green & grab lunch from local food trucks!

RecycleSpot.org@RecycleSpot · 5 Sep 2013

NEW BLOG POST: http://ow.ly/oB6lj Don't trash that dented can or scrap of paper. It wants to be recycled!

RecycleSpot.org@RecycleSpot · 4 Sep 2013

Congrats @sprint! Sprint Breaks GUINNESS WORLD RECORDS Record for the Most Cell Phones Recycled in One Week http://ow.ly/ozrEk

RecycleSpot.org@RecycleSpot · 4 Sep 2013

Buy less and share more! http://ow.ly/oyF7d via @guardian

RecycleSpot.org@RecycleSpot · 3 Sep 2013

The avg household owns 25 electronic devices, making up 10-15% of its total energy use. 5 steps to reduce energy use: http://ow.ly/oxaAn

RecycleSpot.org@RecycleSpot · 3 Sep 2013

ICYMI: Our blog explains how @HarvestersORG used a SWMD grant to start composting. http://ow.ly/oqklD They've diverted 600 TONS of food!

RecycleSpot.org retweeted

MARC AirQ Program@airqkc · 30 Aug 2013

Tomorrow is an ORANGE Ozone Alert Day! Think twice before mowing the lawn this weekend: http://ow.ly/oqCic http://ow.ly/i/31IMg

RecycleSpot.org@RecycleSpot · 30 Aug 2013

New blog post! http://ow.ly/oqcHG @HarvestersORG diverted 600 TONS of food to compost instead of waste last year.

RecycleSpot.org@RecycleSpot · 28 Aug 2013

North American city reaches 81% waste diversion! Congratulations Markham, Canada. http://ow.ly/om4Id

RecycleSpot.org@RecycleSpot · 28 Aug 2013

Congrats @Earth911 "We won 1st place from @rrecycling's Innovators Forum. We're thrilled! Thank you. #rrc13"

RecycleSpot.org@RecycleSpot · 27 Aug 2013

The 'whole' problem with #recycling via @UAlberta. http://ow.ly/okfcW

RecycleSpot.org retweeted

Missouri DNR@MoDNR · 27 Aug 2013

Department of Natural Resources announces Earth Day 2014 slogan contest for Missouri fifth-grade students http://tinyurl.com/lsu3sk6

RecycleSpot.org@RecycleSpot · 24 Aug 2013

Get the Sept/Oct issue of @GreenabilityMag & read our own Matt Riggs' article "Reduce: The lost R of recycling"! http://greenabilitymagazine.com

RecycleSpot.org@RecycleSpot · 23 Aug 2013

Portland tops 70% recycling rate: http://ow.ly/odEK5 , via @wasteage. Food scraps & recycling are both weekly, trash is every other week.

RecycleSpot.org@RecycleSpot · 22 Aug 2013

Royals players trade old electronics for tickets http://ow.ly/oaXSU tomorrow & Sat., via @KCBizjournal @Royals #KCRoyals

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 22 Aug 2013

NEW BLOG POST: Appraisers, Realtors, Builders: Learn to evaluate green homes! Aug. 28, 8:30 a.m.-4:30 p.m. Register: http://ow.ly/oaV8z

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 21 Aug 2013

Recycle antifreeze, batteries, oil & paint this Saturday! 8a-12p in Platte Woods. Please RT @parkvillemo @RiversideMo http://ow.ly/o8RLN

RecycleSpot.org@RecycleSpot · 19 Aug 2013

Why are most #recycling bins blue? Tradition can be traced to one Canadian city, via @WasteRecycNews http://ow.ly/o4GN4

RecycleSpot.org@RecycleSpot · 16 Aug 2013

Heading to #MoStateFair2013 this weekend? Cool off in the Ag Building & learn about MO businesses making #recycled products! @MoStateFair

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 16 Aug 2013

SAVE THE DATE! Concert for the Climate 9/28 at Kaw Point Riverfront Park. Keynote Speaker is Robert F. Kennedy, Jr. http://ConcertForTheClimate.org

RecycleSpot.org retweeted

KDHE@KDHE · 26 Jul 2013

Help us improve waste management services in your community & others across KS by taking our Waste Reduction Survey: https://www.dhe.state.ks.us/Community/se.ashx?s=11B9BDC961995452 ...

RecycleSpot.org retweeted

City of Lee's Summit@cityofls · 8 Aug 2013

City Announces New Permanent Electronics Recycling Facility: In response to requests by residents for more opp... http://bit.ly/149CjUy

RecycleSpot.org retweeted

KC Business Journal@KCBizJournal · 14 Aug 2013

RT @DornzKCBJ: Find out what recycled materials your 2014 Ford F-150 is going to be made of: http://www.bizjournals.com/kansascity/news/2013/08/13/ford-adding-recycled-materials-to-f-150.html?ana=twt ... via @KCBizjournal

RecycleSpot.org@RecycleSpot · 13 Aug 2013

NEW BLOG POST: It's your home, make it safe: a (very) short history of the HHW program. #KC http://ow.ly/nTHyH

RecycleSpot.org retweeted

Earth911.com@Earth911 · 11 Aug 2013

Which waste-saving apps aren't a waste? We break it down: http://ht.ly/nNNha

RecycleSpot.org retweeted

1-800-RECYCLING.com@1800Recycling · 7 Aug 2013

The ColorCycle program collects discarded markers from schools across the U.S. & turns them into clean-burning fuel. http://bit.ly/17y5gLM

RecycleSpot.org@RecycleSpot · 5 Aug 2013

Thanks to all who came out to the HHW collection event Sat. in Platte County. We had over 160 cars pass through! http://ow.ly/i/2NCnb

RecycleSpot.org@RecycleSpot · 4 Aug 2013

Awesome! @Starbucks to open Overland Park store made from shipping containers. #recycle #KC http://ow.ly/nCbLv

RecycleSpot.org@RecycleSpot · 2 Aug 2013

Attend the Household Hazardous Waste event at Platte Ridge Park on Hwy 371 in Platte Co., Mo. tomorrow, 8 am to noon http://ow.ly/nAkLn

RecycleSpot.org@RecycleSpot · 2 Aug 2013

Study says only three cities achieve sustainable #recycling. #KC has room to improve. @KCMO @BTG_KC http://ow.ly/nAg5H

RecycleSpot.org@RecycleSpot · 2 Aug 2013

NEW BLOG POST: What happens to that old carpet? http://ow.ly/nzpq6

RecycleSpot.org@RecycleSpot · 30 Jul 2013

#PlatteCity, #Weston, @SmithvilleMO, @PlatteCountyMO residents: properly dispose of batteries, paint, cleaners, Platte Ridge Pk Sat. 8a-noon

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 25 Jul 2013

NEWS RELEASE: HHW collection event coming to Platte Ridge Park in Platte County, Saturday, Aug. 3 @RecycleSpot http://ow.ly/nkrMk

RecycleSpot.org@RecycleSpot · 24 Jul 2013

.@Job1One how about #recycled paper flowers & garlands, glass bottles & jars as vases, old textiles for tablecloths? Pinterest will inspire!

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 23 Jul 2013

NEW BLOG POST: Discover a fun way to learn about #energy! @burnfromprep http://ow.ly/neIbb

RecycleSpot.org@RecycleSpot · 18 Jul 2013

Missouri waste & scrap exports totaled $451M in 2012! Check out the Missouri 20 year progress report on #recycling. http://ow.ly/n6eli

RecycleSpot.org@RecycleSpot · 17 Jul 2013

NEW BLOG POST: I want to be recycled: See how recycled materials can be transformed into new & useful things http://ow.ly/n4mYB

RecycleSpot.org retweeted

MARCKCMetro@MARCKCMetro · 11 Jul 2013

Learn how to make your congregation's facilities more sustainable! Get tickets now to this @ssckc workshop on Aug. 7. http://ow.ly/mRGOU

RecycleSpot.org@RecycleSpot · 10 Jul 2013

Today is the last day to sign up for the Green Commute Challenge! http://ow.ly/mQi14

RecycleSpot.org@RecycleSpot · 9 Jul 2013

Don't forget! Online pre-proposals due by 5 p.m. tomorrow for Solid Waste Management District grants. #KC #recycle http://ow.ly/mNJGE

RecycleSpot.org retweeted

City of Lee's Summit@cityofls · 24 Jun 2013

City Offers Carpet Recycling at Resource Recovery Park: The latest "green" initiative offered by the City is c... http://bit.ly/1770bwn

RecycleSpot.org@RecycleSpot · 1 Jul 2013

NEW BLOG POST: EPA releases new solid waste and recycling numbers http://ow.ly/mz5ft

Solid Waste Blogs Posted in FY2014

ENVIRONMENTAL PROGRAMS

AIR ENERGY LAND RECYCLING WATER

A BLOG FROM THE MID-AMERICA REGIONAL COUNCIL

Posted 7/1/2013 **Author: Lisa McDaniel**

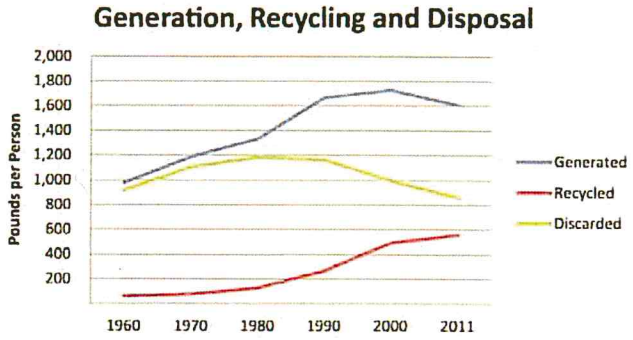
EPA releases new solid waste and recycling numbers

Since 1960, the Environmental Protection Agency (EPA) has collected and reported data on the generation and disposal of waste in the United States. The EPA recently released figures for 2011, revealing long-term trends on what we are recycling and throwing away.

Long-term trends

What do these long-term trends show? In 1960, we generated 88 million tons of waste and recycled 6 percent of it (5.6 million tons). In 2011, we generated about 250 million tons of waste and recycled and composted about 87 million tons of it, for a recycling rate of 35 percent. But while we are recycling more, we are also generating more than we did in 1960.

How much of this increased generation can be attributed to population growth? If you take population into account, we find that individuals are recycling more and throwing away less than they did in 1960. Solid waste generation peaked in the year 2000.

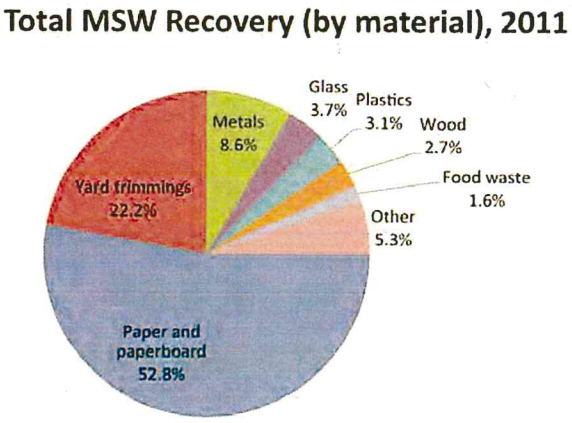


Recycling in 2011

What are we best at recycling? Almost 84 percent of the 87 million tons we recycled was made up of paper and paperboard, yard trimmings and metals.

The EPA report also includes a breakdown of 2011 recycling rates of various products:

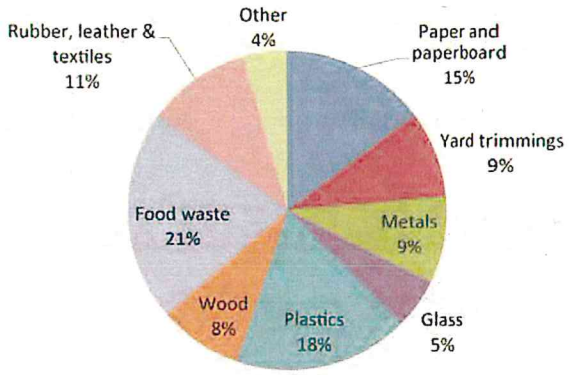
- Auto batteries were recycled the most frequently, at 96.2 percent
- Newspapers and mechanical paper made up 72.5 percent



- Steel cans, 70.6 percent
- Yard trimmings, 57.3 percent
- Aluminum cans, 54.5 percent
- Tires, 44.6 percent
- Glass containers, 34.2 percent
- PET bottles and jars, 29.2 percent
- HDPE bottles, 21.0 percent

The EPA estimates that our recycling reduced more than 183 million metric tons of carbon dioxide emissions (equal to the greenhouse gas emissions from 34 million passenger vehicles) and saved more than 1.1 quadrillion Btu of energy (enough to power 10 million U.S. households for a year).

Total MSW Discards (by material), 2011



Discards in 2011
What are we still throwing away? Food waste represents more than 21 percent of our discards (see an earlier blog about reducing your foodprint). After food, plastics weigh in at nearly 18 percent and paper and paperboard still makes up 15 percent.

Learn more
Learn more about what we throw away nationally (fact sheet, full report and infographic) and what you can do to make a difference locally.

Posted 7/17/2013 **Author: Lisa McDaniel**

I want to be recycled

"Our trash could go on to live whole new life and serve a valuable purpose, if only more people would give it a chance."

Can an ordinary plastic bottle aspire to become something bigger? A new public service advertising campaign introduced by the Ad Council and Keep America Beautiful, encourages people to recycle and give their garbage another life. The ad creates an emotional connection to recycling by chronicling the journey of a plastic bottle that has dreams to see the ocean. The bottle realizes that dream by becoming part of a park bench made out of recycled plastic.

Journey: A plastic bottle that believes that, one day, it could become a park bench.
Click on the photo to watch the ad.

According to the U.S. Environmental Protection Agency's recently released figures, just under 35 percent of people across the nation recycle. Keep America Beautiful hopes this ad will inspire those individuals who do not recycle regularly to change their habits.

Visit IWantToBeRecycled to get a behind-the-scenes look at how trash can be transformed through recycling.

Visit RecycleSpot to learn more about what you can do locally.

Posted 8/1/2013 **Author: Lisa McDaniel**

What happens to that old carpet?

In 2012, more than 3.5 billion pounds of old carpet was discarded in the United States. This amount, estimated by the Carpet America Recovery Effort (CARE) in its 2012 annual report, is enough to cover more than 270 square miles. That's almost 85 percent of the land area in Kansas City, Mo.

While many of the components that make up carpet are recyclable, most old carpet is currently sent to landfills. According to CARE, 8 percent, or 294 million pounds, of discarded carpet was recycled in 2012. Another 2 percent was burned for energy recovery or used as an alternative fuel.

Locally, there are a few options for recycling carpet. Lee's Summit recently started a pilot program to set aside carpet for recycling, and some carpet installers will take your old carpet to be recycled after they've installed your new carpet.

What currently happens to this carpet? Heritage Recycling operates a carpet processing facility here in Kansas City. Used carpet and carpet padding are delivered to the facility and processing begins with plant employees removing contaminants, such as tack strips and trash. Employees then test and sort the carpet using a hand-held analyzer to distinguish one fiber type from another and separate the types that can be recycled — nylon 6, nylon 6.6, polypropylene and polyester. Other carpet types, as well as wet carpet, are set aside for disposal. Carpet padding is recycled separately from carpet.

The selected carpet passes through a series of mechanical shredders, which systematically break apart the carpet into its fibers and a powdery mix of latex adhesive and limestone filler. Magnets are used to remove metallic items

that might be embedded in the carpet, such as nails and box cutter blades. The fibers are baled by type and taken to a processor where they are transformed into pellets. The pellets are ultimately sold to plastic companies that reuse the fiber to create new plastic products.

Learn more about the transformation of discarded carpet in this video about the Heritage Recycling processing plant, produced by Deffenbaugh Industries.

Interested in recycling your old carpet? Unfortunately, Heritage Recycling does not accept carpet directly from the public. Before you buy new carpet, ask the retailer what their installer will do with your old carpet and choose a company that recycles. If you are a do-it-yourself installer, you can recycle old carpet at the drop-off area at the Lee's Summit Resource Recovery Park for a nominal fee *($10 per cubic yard, at the time this post was published).*

Posted 8/13/2013 **Author: Nadja Karpilow**

It's your home, make it safe: a (very) short history of the HHW program

IT'S YOUR HOME.
MAKE IT SAFE.

In 1993, planners in Kansas City, Mo., began to study ways to safely collect and dispose of household hazardous waste (HHW). Two years later, on a June weekend in 1995, nearly 4,300 people waited in long lines to properly dispose of their HHW in the area's first mobile HHW collection event. This event, hosted by the city of Kansas City and sponsored in part by the MARC Solid Waste Management District (SWMD), demonstrated residents' concerns about hazardous materials stored in their homes and their commitment to the safe and proper disposal of HHW.

One-third of the people who participated in that first HHW collection event in 1995 were people who lived outside the city limits of Kansas City, which highlighted the need for a regional program. The opening of the Kansas City HHW collection facility in September 1996, as part of the city's environmental campus, offered the SWMD an opportunity to design a regional collection program. The district formally created the Regional HHW Collection Program in 1997 and offered 18 mobile collection events that year.

In the spring of 1997, the city of Lee's Summit built the region's second HHW facility, using funds from the district's grant program. This facility is located at the Lee's Summit Resource Recovery Park.

Today, the Regional HHW Collection Program provides residents of participating communities with access to both of the permanent HHW facilities and several mobile collection events held in outlying communities each year. The program is funded by a per capita fee paid annually by each participating city or county. To ensure the success of the program, the district provides grant funds to help meet unanticipated disposal costs and support education and promotional efforts.

Since the program started, more than 6 million pounds of HHW have been collected and safely disposed. More than 90 percent of the HHW material collected is recycled, reused or recovered through waste-to-energy methods.

Visit RecycleSpot.org to learn more about HHW, including facility hours and locations, participating communities, this year's mobile collection schedule, and materials accepted.

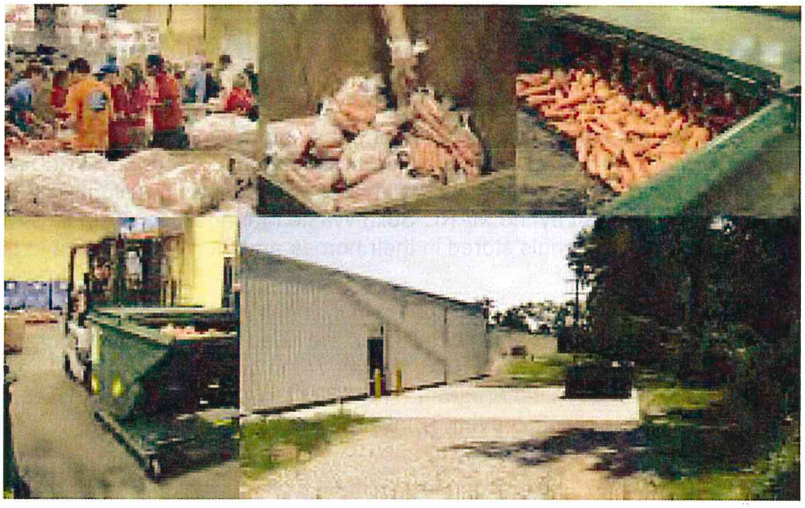
Posted 8/30/2013 **Author: Lisa McDaniel**

Harvesters: diminishing hunger and reducing waste

The MARC Solid Waste Management District administers an annual grant program which awards funds to local communities and organizations for waste reduction and recycling-related projects. From time to time, we publish updates about recent grant recipients.

In 2012, the district awarded a grant to Harvesters Community Food Network, which serves a 26-county service area in northwestern Missouri and northeastern Kansas. The organization is well-known in the Kansas City region as a clearinghouse for collecting and redistributing food and household products. Last year, Harvesters distributed more than 41 million pounds of food and household products to food pantries and soup kitchens to help those in need.

Much of Harvesters' product comes from generous donations of perishable food from food manufacturers and produce operations. For the most part, this is food doesn't meet the standards of grocery stores but is still edible. Unfortunately, some of the produce that Harvesters receives is no longer edible and is not for distribution to its network of partner agencies.



The inedible food used to leave the warehouse through the trash, but Harvesters wanted to reduce the environmental impact of its operations. Harvesters successfully applied for a district grant to change how it manages unusable food donations. The grant funds were used to build a concrete pad and gravel drive that allowed for placement of an additional, separate container for discarded food. The funding also purchased roller bins and provided staff training.

Once considered trash, discarded food is now collected and composted by Missouri Organic Recycling. During the first year of operations with its new sorting process, Harvesters diverted more than 600 tons of food to be composted. According to Chief Operating Officer Norm Bowers, the project was successful because Harvesters had the support of its board and staff, and a plan in place to begin diverting produce.

Over the next 10 years, Harvesters projects it will divert more than 4,000 tons of perishables and produce from disposal.

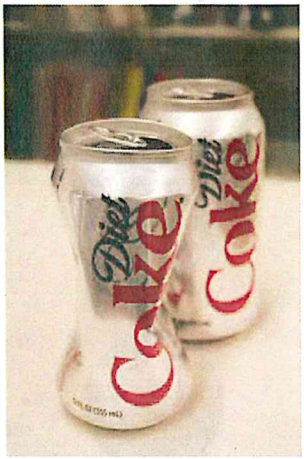
The Solid Waste Management District is proud to support Harvesters in this effort and help the organization reach its goal of a reduced environmental impact.

Posted 9/5/2013 **Author: Lisa McDaniel**

Don't trash that dented can

Researchers at Boston University and University of Alberta found that people are more likely to toss a recyclable item in the trash if the item is imperfect or damaged. Participants in the study, published in the Journal of Consumer Research, normally recycled soda cans 80 percent of the time, but that rate dropped to just 20 percent if the cans were pre-crushed or dented.

The researchers also saw a similar outcome with paper. Participants would likely recycle full pieces of paper but would throw out scraps. The recycling rates for paper scraps went up when study participants were asked to write down what the paper scrap could be used for.



Study researcher Jennifer Argo says that people are psychologically hard-wired to believe that products that are damaged or that aren't whole — such as small or ripped paper or dented cans — are useless, which leads us to trash them rather than recycle them. She and her colleagues noted that when the scraps were viewed as useful again — such as for writing — the recycle rate jumped back to 80 percent.

So next time you go to throw something out, look beyond the dent in the can or the rip in the paper and see its full recycling potential.

You can learn more about recycling in the Kansas City metro region at RecycleSpot.

photo credit: quinn.anya via photopin cc.

Posted 9/19/2013 **Author: Nadja Karpilow**

Household Hazardous Waste – where does it go?

Have you ever wondered what happens to the material you drop off at the Kansas City Household Hazardous Waste (HHW) facility or at a mobile collection event? Depending on the material, it may be used as fuel, treated and used as an ingredient in a new product, or filtered or cleaned to make it usable again. In total, about 90–95 percent of the material that comes through the regional HHW program is recycled or recovered as waste-to-energy.

For example:

- Good-quality **latex paint** is processed, filtered and sold back to the public. Latex paint that can't be reused is sent offsite to a waste-to-energy plant.

- **Oil-based paints, flammable liquids** and **aerosols** are sent to a plant in Arkansas where they are turned into an alternative fuel for use in cement kilns. The **propellants** from aerosols are recaptured and the metal from the cans is recycled.

- **Antifreeze** is recovered locally and goes through a coolant distillation process with a 97 percent recovery rate for reuse.

- Used **oil** is burned in the HHW facility's used-oil furnace for heat, sent to Habitat Restore for use in its used-oil furnace, or sent to an approved local oil recycler.

- **Fluorescent bulbs** — including **CFLs** — are sent to a facility for recycling. The mercury is recovered and the glass and metal are recycled.

- All **batteries** are recycled. Heavy metals and casings are recovered and hydroxide compounds are burned off. The materials produced are used to make new batteries, metal alloys and corrosion-resistant coatings.

- **Lead acid batteries** are recycled. The lead is recovered to 99 percent purity, the sulfuric acid is neutralized and discharged under permit, and the plastics are recycled into new battery casings.

- **Acids, caustics, pesticides, oxidizers** and **flammable solids** are sent to a hazardous waste incinerator where they are treated in a furnace at 1,800 degrees Fahrenheit.

- Small **propane cylinders** are sent to a facility where the propane is reclaimed and the metal is recycled.

- **Metal paint cans** are sent to a local metal recycler; empty **plastic cans and bottles** are sent to landfills; **empty cans** from flammable liquids are sent to landfills; and **cardboard boxes** from drop-offs are returned to the customers for them to recycle.

There are two more mobile events this season, but permanent HHW collection facilities are open year-round.

Posted 10/23/2013 **Author: Matt Riggs**

Do you reduce and reuse?

Reduce, reuse, recycle: the "Three Rs." We hear this phrase all the time — and most of us understand the recycling part — but how many of us really understand "reduce" and "reuse" and what we can do to incorporate these principles into our daily lives?

First of all, what do these words mean? To "reduce" means producing less trash in the first place. "Reusing" means finding a new way to use something instead of throwing it in the trash can. When done together, reducing and reusing avoid the creation of trash and the need to recycle or send it to a landfill.

Let's look at actions we can each take to reduce our waste:

Do I really need to purchase this item?

- **Use products you already have.** Keep things clean and organized so you can easily find what you need.
- **Maintain and repair.** Items that are well maintained don't have to be repaired or replaced as often. Try to repair something before you replace it.
- **Buy well-made products.** Durable products have a longer lifespan and are more likely to be repairable.
- **Share, borrow or rent.** Save money and reduce waste by sharing, borrowing or renting items you use infrequently.
- **Shop used.** Shopping for used items is sustainable and economical. Try looking around at garage sales, thrift stores and Craigslist.

Can I reuse this item?

- **Reuse everyday items.** Get in the habit of reusing everyday items such as plastic grocery sacks, coffee cans and old t-shirts.
- **Use durable bags.** Whether shopping for groceries, clothes, toys or tools use reusable shopping bags instead of paper or plastic bags.
- **Use refillable mugs and water bottles.** At work, at home or on-the-go, use a refillable container.
- **Use Tupperware as take out boxes.** These can replace disposable paper, plastic and Styrofoam boxes.

When I am through with an item, what are my options?

- **Donate.** Donate items to friends or thrift stores.
- **Reuse at work.** Make sure your office has a system for reusing, donating or selling surplus supplies and property.

Can I avoid all of this packaging?

- **Choose less or no packaging.** When choosing between two similar products, select the one with the least or no packaging. Products that contain less packaging include large or economy-sized items, concentrated products and bulk items.
- **Choose recyclable packaging.** If you can't avoid the packaging, select the product with packaging that can be put into your curbside recycling bin or accepted at your local drop-off facility.

For more information, visit RecycleSpot.org, Greater Kansas City's one-stop website for waste reduction, reuse and recycling information.

Posted 10/30/2013 **Author: Lisa McDaniel**

Recycling is an economic development tool

Dr. Neil Seldman coaches a workshop attendee on environmental entrepreneur techniques.

Recycling is not just good for the environment. Recyclables have value. Recycling creates jobs. The process of turning collected recyclables into new products creates a chain of economic activity that can result in business expansion, increased tax revenue and other economic growth.

The "U.S. Recycling Economic Information (REI) Study" was commissioned by the U.S. Environmental Protection Agency in partnership with numerous states to determine the economic benefits of recycling to the national economy. This was a groundbreaking study that established an important benchmark for the economic impact of recycling and reuse.

The study was completed in 2001. At that time, the recycling and reuse industry included more than 56,000 establishments nationwide. Together, these businesses employed 1.1 million people, generated an annual payroll of $37 billion and grossed $236 billion in annual sales. The REI Study also documented the "indirect" impact of recycling on support industries, such as accounting firms and office supply companies. It found that the reuse and recycling industry indirectly supported 1.4 million jobs that have a payroll of $52 billion and produce $173 billion in receipts.

A similar Missouri study was conducted by the Environmental Improvement and Energy Resources Authority (EIERA). The "Missouri Recycling Economic Information Study (MOREIS)" found that in 2005, Missouri-based recycling programs provided more than 80,000 direct and indirect jobs with an annual payroll of more than $1.7 billion.

Over the past year, the MARC Solid Waste Management District has hosted a speaker series titled "Chasing Arrows, Growing Business: How Recycling Creates Jobs and Economic Opportunities." The first speaker, Dr. Neil Seldman of the Institute for Local Self-Reliance, provided the foundation for the series by explaining how recycling stimulates economic development through job creation. According to Dr. Seldman, "On a per-ton basis, sorting and processing recyclables alone sustain 10 times more jobs than landfilling or incineration." He also led a workshop for local communities to learn how they can attract "end-users" of recyclable materials interested in relocating to cities and counties that generate the recyclables they seek.

The second speaker, Terry McDonald of the St. Vincent de Paul Society of Lane County, Ore., provided a look at how the nonprofit sector can implement recycling-based businesses to fund programs and services. The organization's 10 recycling enterprises divert more than 17 million pounds and generate more than $24 million in revenue annually. This revenue funds a comprehensive local housing program that includes 1,000 subsidized rental units, emergency services for nearly 50,000 adults a year, and job training and placement assistance for 1,000 people a year.

The third speaker, Dr. Dan Knapp from Urban Ore, located in Berkeley, Calif., has turned the concept of reuse into a multimillion-dollar business. His store diverts material from landfilling in several ways: a salvaging operation at the local transfer station; a drop-off program; and a trade program that collects materials from select locations. Urban Ore has become successful by being cost-competitive with disposal options.

The final speaker, scheduled for December, is Dr. Joseph Martinich from the University of Missouri – St. Louis. Dr. Martinich, the primary researcher for the MOREIS study, will provide additional insights to the economic impact of recycling in Missouri. His presentation will take place as part of the District's Annual Meeting, Dec. 11, 2013, at Kauffman Foundation Conference Center. Register by contacting Lisa McDaniel, at lmcdaniel@marc.org.

Posted 11/5/2013 **Author: Lisa McDaniel**

Pendleton Heights Curbside Compost Program – Powered by Bicycle!

The MARC Solid Waste Management District administers an annual grant program that awards funds to local communities and organizations for waste reduction and recycling-related projects. From time to time, we publish updates about recent grant recipients.

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Jerusalem Farm, a nonprofit and intentional community, was awarded a 2013 grant to provide weekly curbside collection of compostable materials to the Pendleton Heights neighborhood located in northeast Kansas City.

Volunteers collect compostable materials once a week from participating residents using buckets and bicycles. The buckets were diverted from local grocery store bakeries and would have otherwise been destined for disposal. They were cleaned, spray painted with the program logo and provided to participating households. Revolve KC, another SWMD grantee, supplied the bicycles at a reduced cost. The farm plans to use a truck during the colder months.

The collected material will be composted on farm property. Finished compost will be given to participating residents or used in the farm's community garden lots.

The collection program began in June and has diverted nearly 2.5 tons of material (including the buckets). To date, the program has 41 residential participants. More information about the program is available on the Jerusalem Farm website.

Posted 11/12/2013Author: Matt Riggs

Celebrate America Recycles Day: Give your old stuff a second life

Happy America Recycles Day!

MARC's Solid Waste Management District encourages you to give your old stuff a second life on the 16th annual America Recycles Day (ARD). Held every year on November 15, ARD is a national campaign to raise awareness about the benefits

of recycling and buying products made with recycled materials.

In the Kansas City metro area, about 80 percent of the average home's trash is reusable or recyclable. If you're like most people, you probably already recycle items such as cans, plastic and paper. But did you know you can also recycle items such as paint, computers, building materials, tires, Styrofoam, carpet, glass bottles and jars, yard waste, compact fluorescent light bulbs and bicycles?

Now that we've piqued your curiosity, visit www.RecycleSpot.org where you can:

- Find these items and many more to recycle or reuse.
- Choose from several ARD events scheduled throughout the week where you can drop off computers, televisions, sensitive documents for shredding and more.
- Learn how to buy recycled.
- Get tools to help promote recycling and reuse in your community.
- Download a great activity for the kids.

You or your business can also take the America Recycles Day pledge or participate in the ARD Thunderclap to share your love for recycling.

Posted 11/19/2013 Author: Lisa McDaniel

Would you like a bag for that?

For the record, I normally use cloth bags for my shopping trips. But while vacationing with family this summer, I stopped at a chain pharmacy in Boulder, Colo., to pick up a few forgotten essentials. I decided to ask for a plastic bag to round up the apple cores, banana peels and candy wrappers that had accumulated in the car since our last stop. I was stunned when the clerk informed me that a plastic bag to hold my purchases would cost me an extra dime.

Boulder implemented the bag fee in July. The city council adopted the fee back in November 2012, but the city put off implementation for a few months to allow time to develop an education campaign and for stores to prepare.

Boulder is not alone. My limited research shows that:

- At least 150 cities and counties across the country have implemented either bag fees or outright bans on plastic bags; 85 of these are in California. San Francisco holds the distinction of being the first city in the nation to ban plastics bags with a 2007 ordinance. In 2012, Los Angeles became the largest city in the nation to approve a ban on plastic bags. A quick tally from a number of sources that track bag ban/fee ordinances indicates that about 50 more cities and counties across the nation are considering or drafting ordinances.

- The movement to regulate plastic bags is not limited to cities and counties. Hawaii was the first state to ban plastic bags in all counties and a handful of states are considering some form of statewide bans or taxes — most recently Pennsylvania, which is considering a statewide 2-cent fee. Several states have plastic bag labeling, recycling or reuse programs.

- There have even been a few attempts at the federal level. Most recently, on Earth Day 2013, U.S. Rep. James P. Moran of Virginia introduced a bill to create a national 5-cent tax on all disposable plastic or

paper bags provided by stores to customers. Revenue generated from the fee would support the nation's Land and Water Conservation Fund.

Getting back to my Boulder experience: I went ahead and paid for the bag. So, where did my dime go? Boulder retailers get to keep four cents to cover their costs of administering the program. The county recycling center gets less than a penny to cover the costs of retrieving plastic bags from recycling equipment. The city uses the rest of the money collected from the fee to pay for education and outreach about reusable bags and to cover the costs of free bags that it provides. I considered it a small price to pay.

Posted 11/26/2013 Author: Lisa McDaniel

A bright idea for Southeast Enterprises

The MARC Solid Waste Management District administers an annual grant program that awards funds to local communities and organizations for waste reduction and recycling-related projects. From time to time, we publish updates about recent grant recipients.

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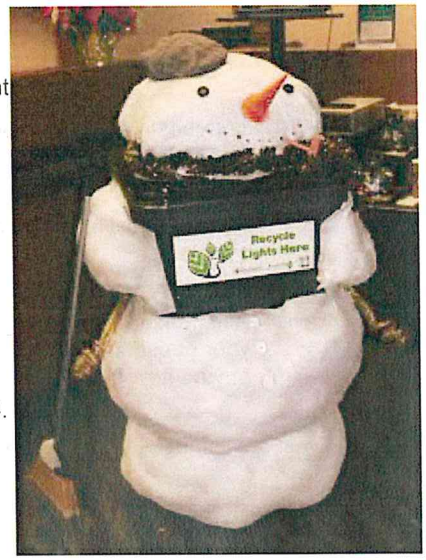
Old strands of holiday lights may not work, but they're far from worthless. For the second year, Southeast Enterprises will collect unusable or unwanted holiday lights for recycling. Last year, they exceeded their goal of recycling 24,000 pounds of holiday lights. This year's goal is to exceed 34,000 pounds.



So, what happens to all of those lights? Once collected, Southeast's employees prepare the lights for recycling by clipping and sorting each component of the light strands: wires, plugs, light receptacles and bulbs. The components are then sent to other organizations for recycling or energy recovery. **Every part of the light string is recycled.**

The program does more than help the environment — it provides jobs, too. To disassemble the lights Southeast Enterprises employs more than 160 Jackson County residents who are intellectually and developmentally disabled.

Collection containers will be placed at more than 165 participating schools, businesses, recycling centers and community organizations. View the map of drop-off locations to find one near you. They will collect lights until Jan. 26, 2014.

The district is pleased to be part of this effort by providing grant support to Southeast's 2012-13 and 2013-14 collection programs.

Posted 12/6/2013 **Author: Matt Riggs**

Fight Food Waste at Your Festivities

Food: it's the center of every holiday gathering.

But between thinking about all those calories and the sheer quantity of food, most of us don't consider how much of it gets wasted. In fact, the average American wastes between 209 and 253 pounds of food every year, with a fair amount of that waste occurring around the holidays. Here are some ways to reduce waste that will help you, your guests and the environment.

- Precycle. "Precycling" is when you avoid purchasing unnecessary items that will eventually have to be recycled or thrown away. For holiday meals, try to purchase products with less packaging, use durable dishware and cook only for the number of people who will eat at your gathering.
- Prepare healthy portions. Love Food Hate Waste's online portion planner will tell you how much food to purchase based on the type of food you want to serve and the number of people who will eat it.
- Make a list and stick with it. A list will ensure you don't forget anything and keep you from buying and spending too much.
- Let guests serve themselves. When guests serve themselves they can choose the items they actually want to eat.
- Use smaller plates. Smaller plates help fend off the dreaded "my-eyes-are-bigger-than-my-stomach" syndrome.
- Ask guests to bring reusable containers. This way you won't have to eat all those leftovers yourself and your guests will have something to eat the next day. Plus you'll reuse others' containers instead of buying new ones.
- Compost your food scraps. To learn more visit HowToCompost.org.

Don't forget to visit RecycleSpot.org for all of your holiday reuse and recycling needs!

Posted 12/12/2013 **Author: Lisa McDaniel**

Highlighting 2013

The MARC Solid Waste Management District held its 2013 Annual Meeting and Awards Luncheon on Wednesday, Dec. 11, at the Kauffman Foundation Conference Center. Dr. Joseph Martinich, University of Missouri — St. Louis, spoke about the benefits of recycling on Missouri's economy. The district also recognized several individuals and organizations that have made notable contributions to regional waste management and recycling efforts. The 2013 Special Recognition Award recipients were:

Special Recognition Award winners (from left to right): Marleen Leonce, Kate Corwin, Kendall Welch, Meredith Hauck, Tanya Cotton and Brian Alferman.

Public Employee — Marleen Leonce, Kansas City, Missouri.
The Public Employee award recognizes a public employee who has shown dedication to the development and advancement of waste reduction and recycling through individual achievement and commitment.

Individual Supporter — Brian Alferman.
The Individual Supporter award recognizes an individual who has made exceptional contributions and commitment to the district's waste reduction and recycling efforts.

Green Event — Northland Recycling Extravaganza, cities of Parkville and Riverside.
The Green Event award recognizes a special event that promotes sustainable practices. Meredith Hauck with the City of Riverside and Kendall Welch, Parkville Alderman accepted this award.

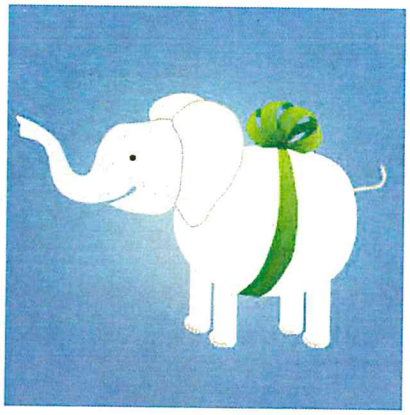
Waste Industry — Heritage Environmental Services.
The Waste Industry award recognizes outstanding waste reduction and recycling efforts for a business in the waste industry. Tanya Cotton accepted this award.

Environmental Educator — Green Works in Kansas City.
The Environmental Educator award recognizes an individual or group for commitment to educating others about the need for and benefit of waste reduction and recycling. Kate Corwin accepted this award.

Please join us in congratulating our award recipients and their contributions to help the region achieve its goal of 80 percent waste diversion.

Posted 12/19/2013 **Author: Matt Riggs**

There's a Green Elephant in the Room



Happy Regifting Day!

In honor of National Regifting Day, held every year on the third Thursday in December, we're sharing this fun holiday party idea.

This year, that white elephant in the room will encourage guests to talk about how fun and eco-friendly your gathering is!

A green elephant gift exchange is just like the white elephant version, but with a green twist. Here's how to set one up:

1. In your e-vite, ask each guest to bring an item for the Green Elephant Gift Exchange. It must be:
   - Pre-owned
   - Fun — the more tacky and off the wall the better!
   - Wrapped in an earth-friendly manner (reusable or recyclable wrapping only)
2. Before you begin the exchange write numbers on slips of paper, starting at one and ending at the number of guests participating.
3. At the party, have guests place the gifts in a central location.
4. Each participant draws a number. The numbers determine the order in which participants choose a gift.
5. The first person opens a wrapped gift and the turn ends.
6. On subsequent turns, each person gets the choice of choosing a wrapped gift from the pile or "stealing" any unwrapped item from another player. Participants must keep unwrapped gifts in view.
7. The game is over when the last person has taken his or her turn.
8. Encourage your guests to save any "unappreciated" items for their next green elephant gift exchange.

Notes on play:

- When a gift is stolen, the robbed player must select a replacement gift from the pile of wrapped presents.
- A player cannot immediately steal back the gift that was stolen, but must wait at least one round before stealing back a gift.
- A gift cannot be stolen more than once a turn.

In no time at all, guests will be laughing and you'll find the true meaning of greening the holidays!

For more information and variations on game rules, search for white elephant gift exchanges online.

Don't forget to visit www.RecycleSpot.org for all your holiday reuse and recycling needs.

Posted 12/27/2013 **Author: Lisa McDaniel**

Sleepyhead Beds: Helping children in need and keeping mattresses out of landfills

The MARC Solid Waste Management District administers an annual grant program that awards funds to local communities and organizations for waste reduction and recycling-related projects. From time to time, we publish updates about recent grant recipients.

Most of us will likely have a few mattresses throughout our lifetimes. What did you do with your last mattress after you bought a new one? Instead of throwing out an old mattress, you can do something good for kids in the Kansas City region and for the environment.

If your old mattress is still in reasonable shape, with no noticeable stains or structural problems, you can donate it to Sleepyhead Beds. Sleepyhead Beds is a local organization that takes gently used, unwanted mattresses and sanitizes and sterilizes them for redistribution to children in need. The organization also accepts donations of clean, gently used sheets, comforters and pillow cases.

In 2013, Sleepyhead Beds received a grant from the MARC Solid Waste Management District to purchase a truck and hire a driver to expand its program for collecting and redistributing beds and bedding. This helped Sleepyhead Beds redistribute more than 1,600 mattresses and 1,200 pounds of bedding. If you lined up those mattresses end to end, they would stretch over two miles!

Reusing mattresses also saves a lot of time and energy since recycling them can be very difficult. Plus, any mattress that ends up in a landfill takes up a lot of space. If the 1,600 mattresses redistributed by Sleepyhead Beds were all twin-sized they would take up 27,000 cubic feet, or enough space to cover a basketball court eight times. (That would make it much easier to dunk!)

To learn more or to arrange a donation, visit Sleepyhead Bed's website.

Posted 1/8/2014 **Author: Lisa McDaniel**

Proud to recycle

When the MARC Solid Waste Management District conducted a survey in 2012, we learned that 67 percent of area residents are recycling more. But how do we feel about it? The Environmental Industry Associations published survey data in November 2013 which suggests Americans are filled with pride when they fill their recycling bins.

Major findings of the online survey include:

- An overwhelming majority of Americans feel a sense of pride when they recycle and a sense of guilt when they toss a recyclable item in the trash.
- Americans are split on what they will do with a recyclable item if a recycling bin is not nearby. Nearly three out of five people say they will keep the item until they can recycle it, but just over half also admit they will throw an item away if they can't find a bin.
- Most Americans — 74 percent — will make an extra effort to recycle items outside of their homes. More than half report that they are successful in recycling at work, but fewer than one in four people are successful when traveling, shopping or walking along city streets, or when dining out (see graphic at right).

You can find detailed survey results through the Environmental Industry Associations website, or view the complete survey methodology here (PDF).

Posted 1/23/2014 Author: Lisa McDaniel

Major League Baseball scores big with recycling

Baseball fans have probably heard of the Gold Glove Award, given annually to the top fielder at each position in each league. Did you know that Major League Baseball (MLB) also gives an annual award for the top recycler in each division? The San Francisco Giants have taken the Green Glove Award for six years in a row. In 2013 the Giants kept more than 86 percent of the total waste generated at AT&T Park from going to the landfill.

The top teams in each division and league were also recognized, along with two wild card teams from each league. The teams recognized include:

	American League	National League
League Champion	Seattle Mariners	San Francisco Giants
East Division Champion	Boston Red Sox	Miami Marlins
Central Division Champion	Minnesota Twins	Pittsburgh Pirates
West Division Champion	Seattle Mariners	San Francisco Giants
Wild Card 1	Oakland Athletics	San Diego Padres
Wild Card 2	Cleveland Indians	Milwaukee Brewers

The award is based on self-reporting from each club. Major League Baseball started awarding teams in 2006 in alliance with the Natural Resources Defense Council (NRDC).

Even though the Kansas City Royals didn't make the Green Glove list this year, they took significant sustainable steps during the 2012 All-Star game, as reported in NRDC's Game Changer report. For example, the Royals partnered with Kansas City Power & Light to install 120 solar panels — the largest in-stadium solar array in any MLB facility. They reduced paper waste by creating an electronic media guide and using digital ticketing. And also in 2012, Kauffman Stadium improved the efficiency of the famous Kauffman fountains through a partnership with Grundfos, based in Olathe, Kan.

Posted 2/3/2014 **Author: Lisa McDaniel**

Initiatives to ban foam food containers

Remember the McDonald's "clamshell?"

This icon disappeared 24 years ago, in 1990, which means that an entire generation doesn't remember that McDonald's hamburgers once came in something other than a paper wrapper or box. A number of cities have taken steps to see that more restaurants and food vendors follow suit and stop using disposable expanded polystyrene (EPS) foam food-service products — often mistakenly called Styrofoam® — such as takeout containers and coffee cups. These containers are favored by the food-service industry because they are lightweight and are good at keeping food warm or cool.

Unfortunately, EPS foam products are not good for the environment. Because the material is brittle and light it tends to break apart into smaller pieces that are easily dispersed by wind and water, contributing to litter. EPS foam is pervasive in the environment, and is difficult to recycle because it is generally soiled with oil, grease, condiments and leftovers. Many communities, including Kansas City, don't have recycling programs for EPS foam food service products, which means it usually ends up in landfills.

New York City recently became the largest city to pave the way for an eventual ban on these containers. In December, the city's lawmakers passed legislation to ban foam food-service products if a year-long study finds that the material can't be recycled effectively. The ban will also include the sale of loose foam packing peanuts.

Berkeley, Calif., and Portland, Ore., were two of the first cities to successfully ban foam food-service products back in the late 1980s. Since that time, nearly 100 cities and towns have banned foam food-service products, 75 of which are in California. Some larger cities that have fully or partially implemented bans are San Francisco, San Jose, Oakland, Los Angeles, Seattle and St. Paul. Chicago and Washington, D.C., are currently considering bans. Many of these cities also require food vendors to use recyclable or compostable food service ware.

These initiatives have been met with opposition, primarily from foam manufacturers and restaurant owners who claim that alternatives are too expensive and that EPS foam containers account for only a small percentage of the total waste stream. Opponents of foam bans have been pushing for community-wide polystyrene recycling programs as an alternative.

There are no ordinances in the Kansas City area banning the use of EPS foam food-service products — but there are no local options for recycling, either them. So, what can you do?

- Support local restaurants that use alternatives such as paper, molded fiber (think egg cartons) and plant-based, compostable food service products.
- Take your own reusable container for restaurant leftovers and your own travel mug to coffee shops (some even offer a discount).
- Avoid using plastic foam food or drink containers or other disposable products at home or for parties.

*Photo by **kimubert***

Posted 2/11/2014 Author: Lisa McDaniel

Cycling and Recycling

The MARC Solid Waste Management District administers an annual grant program that awards funds to local communities and organizations for waste reduction and recycling-related projects. From time to time, we publish updates about recent grant recipients.

Since 2009, Revolve has contributed to the regional effort to make the Kansas City area a more bicycle-friendly community with its Earn-A-Bike and other programs. The shop has also contributed to local waste diversion efforts by partnering with local communities to collect old, unwanted or broken bicycles during municipal recycling events. When possible, bicycles are refurbished and given back to the community. Bicycles that can't be refurbished are stripped for usable parts and the metal is recycled.

The district was pleased to provide grant funding to the Revolve bike recycling project in 2012 and 2013. Grant funds helped support a program administrator and a part-time bike mechanic. In 2012, 11 bike collection events diverted 828 bikes from landfill disposal, and in 2013 the organization diverted more than 700 bikes. That's 17.6 tons of diverted bikes! Revolve has partnered with Lee's Summit, Lake Lotawana, Gladstone, Parkville, Raytown and other communities for these collection events.

Revolve always needs more bicycles. Visit the organization's website or Facebook page for more information about donating a bike or money, purchasing a used bike, the Earn-A-Bike program, and Revolve's bicycle safety training programs.

Posted 2/18/2014 **Author: Matt Riggs**

What to do with your batteries when they stop going and going and going…

Today is National Battery Day! It seems like it's always time to replace a battery somewhere: in your smoke alarm, your car, your laptop, your flashlight. But recycling those worn-out batteries can get confusing. How do you know which ones to recycle, and where?

The average household uses three types of batteries on a regular basis: lead-acid batteries in vehicles, and either rechargeable or single-use batteries in electronic devices.

The easiest time to recycle a lead-acid battery is when you take your vehicle in for a battery replacement. Lead-acid batteries are banned from landfill disposal in both Kansas and Missouri, and both states require all businesses that sell new batteries to recycle used ones. Even if you replace the battery yourself, you can recycle the old one at your local automotive service center. Most accept them for free.

Call2Recycle, Inc. is a nonprofit, public service organization that provides responsible recycling for rechargeable batteries, such as the ones used in laptops or cameras. Call2Recycle collects and recycles rechargeable batteries for free at many office supply stores and electronics retailers. The organization also offers collection box and bulk shipping options to public and private entities.

All lead-acid and rechargeable batteries can also be recycled at your community HHW facility.

Single-use batteries — such as alkaline and button batteries — can be recycled at the Kansas City, Mo., Household Hazardous Waste Facility, which serves residents of communities that participate in the regional HHW program. If you live in a Missouri community that doesn't currently participate, contact your city council or county commission and ask them to join the regional program. If you live in Leavenworth, Wyandotte, Johnson or Miami counties in Kansas, check with your county HHW facility to find out about recycling single-use batteries.

In addition to recycling, you can take steps to reduce battery waste. Check to see if you already have batteries on hand before buying more and try to purchase electronics that function without batteries. When it is necessary to buy batteries, consider rechargeable batteries, which have a longer life span.

For more information on battery recycling locations, visit RecycleSpot.org.

Photo credit: scalespeeder on flickr

Posted 3/4/2014 **Author: Lisa McDaniel**

Q: What could weigh as much as 11 Great Pyramids of Giza in 2017?

A: The estimated amount of e-waste generated worldwide that year.

The world will generate an estimated 71.1 million tons of used electrical and electronic products in 2017 — an increase of more than 30 percent over 2012 levels — according to a study published by the United Nations organization StEP (Solving the E-Waste Problem). Researchers evaluated the global magnitude of annual e-waste generation and presented the results on this interactive world map. The map uses 2012 data from 184 countries.

In 2012, the world generated almost 53.9 million tons of e-waste, an average of 43 pounds for each of the world's 7 billion people. The U.S. generated the most waste with 10.4 tons (about 66 pounds per person) and China came in second, with 7.9 million tons (about 12 pounds per person). For those of you keeping track at home, this means the U.S. generates nearly 20 percent of the world's e-waste.

A companion study published in tandem with the StEP report provides a detailed analysis of the generation, collection and export of some used electronic products in the U.S. For example, in 2010, U.S. e-waste included nearly 258.2 million whole-unit computers, monitors, TVs and mobile phones totaling 1.6 million tons. The study found that a majority of materials collected were mobile phones, but that TVs and monitors made up more than half of the total weight. Of the e-waste generated, Americans recycled 66 percent of the total units, but only 56 percent of the total weight. This suggests that mobile phones are recycled more frequently than heavier items such as TVs and monitors.

In Kansas City we are fortunate to have numerous facilities that recycle e-waste. Find a convenient location by visiting RecycleSpot.org.

Posted 3/11/2014 **Author: Matt Riggs**

Recycle your ride

Are you a do-it-yourselfer when it comes to auto maintenance? If so, you probably have a couple of tires or containers of used motor oil sitting around your garage that you'd like to see go. Or, perhaps you have an entire old car you want to get rid of. Luckily there are plenty of automotive recycling options in our region.

Batteries, Tires, Motor Oil and Filters

Most full-service automotive centers will recycle used motor oil and automotive batteries for free, and tires for a small fee. Auto parts stores and quick lube places generally accept used motor oil and batteries as well. Some locations even recycle oil filters. Always call first to check that items are accepted.

Household hazardous waste facilities also accept automotive batteries and fluids, including oil, antifreeze, brake fluid, power steering fluid and more.

- **RecycleSpot.org** search terms: Batteries, Tires, Automotive Fluids, Oil Filters

Salvage

Old vehicles that are beyond repair are ideal for salvaging. Many automotive salvage yards, used auto parts dealers and even some scrap metal dealers will take that old car off your hands. Generally they will pay a modest amount for your vehicle and provide free pick up.

- **RecycleSpot.org** search terms: Salvage/ Wrecking, Parts

Donation

There are many organizations that accept vehicles for donation. Generally they'll take your car (running or not), provide free pickup, help with the title and paperwork, and help you get the highest possible tax deduction. Contact your favorite charity to see if it has a vehicle donation program.

- **RecycleSpot.org** search term: Vehicle Donation

For more information on recycling automotive materials, visit RecycleSpot.org. Under "I want to recycle" you can click "More Search Options" to filter by material, salvage or donation.

Posted 3/18/2014 **Author: Lisa McDaniel**

Closing the loop: from your recycling bin back to you

Recycling is a continuous process, which is shown by the three arrows of the recycling symbol. By purchasing products made from recycled materials, you are "closing the loop." Products made from recycled materials are called recycled-content products, and the availability, variety and quality of these products is improving.

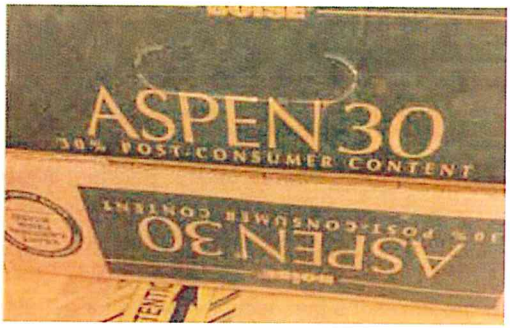
How does a recycled-content product make it to the store? The cycle starts in your own home or business.

First, you collect recyclables, such as newspapers, aluminum cans and plastic bottles, and place them at the curb or take them to your local drop-off center. From there, the materials are delivered to a recycling facility, where they are shredded, pelletized or otherwise prepared to be sold to a manufacturing company.

Some materials are made into new versions of the same products. For example, an old newspaper will be used in a new newspaper and an old glass bottle can become a new glass bottle. However, many recyclables become ingredients used to make different products. For example, glass bottles are also used in insulation and plastic bottles

can be used in carpet, park benches and fleece clothing.

Finally, it all comes back to you when you decide to buy recycled-content products. This creates a demand for recyclable materials and sends a strong message to manufacturers that we do not want more trash in our landfills.



When looking for recycled-content products, keep in mind that many products contain a mix of recycled and new materials. Even the type of recycled content can vary:

- Post-consumer recycled content includes material that was used by consumers or businesses for its intended purpose and then diverted or recovered by recycling. These are the recyclables that you put in your bin.
- Pre-consumer recycled content is material that is recycled before it reaches the consumer. For example, a paper mill might recycle its scrap paper before it ever leaves the plant.

The Federal Trade Commission requires that labels on recycled products tell where the recycled material came from. When shopping, look for the chasing arrows on the products you buy and read the label to identify the recycled content. Look for the products with highest percent of post-consumer recycled content. And as always, learn more at RecycleSpot.org!

Posted 3/25/2014 **Author: Lisa McDaniel**

Congratulations to our 2014 SWMD grantees!

One of the most important things the MARC Solid Waste Management District does is provide financial support to organizations in our region for projects that reduce the material we send to landfills. The district receives funding every year from the fees collected from the state's landfills and transfer stations. Half of that amount is used to fund local waste reduction, reuse and recycling projects through a grant program.

We are very proud of our 2014 group of grant recipients and excited about their projects. The district could not accomplish its waste diversion goals without our grantees!

The 2014 grant projects are:

- **Avenue of Life:** $173,371 to develop a regional mattress recycling program.
- **Bridging The Gap:** $23,900 to provide one-on-one consultations and assistance to businesses interested in starting new or expanding existing recycling programs.
- **City of Blue Springs:** $5,100 to purchase recycling bins for four city parks.

- **City of Riverside, Mo.:** $3,210 for marketing and vendor costs for the 2014 Northland Recycling Extravaganza.
- **Friends of the City Market:** $20,000 to provide support staff to assist River Market vendors in separating food waste for composting.
- **Grain Valley School District:** $7,800 to start a food waste composting program in two schools.
- **Jackson County, Mo.:** $64,632 to support start-up costs for a regional drop-off yard waste facility.
- **The Rehabilitation Institute:** $31,240 to purchase a truck for transporting collected books to support the third year of a successful book recycling project.
- **Ripple Glass:** $6,380 for a traveling educational display to encourage glass recycling.
- **Southeast Enterprises:** $8,500 to support transportation costs associated with a regional holiday light recycling program.
- **Trozzolo Communications Group:** $195,075 to develop a regional recycling education and marketing campaign.

Visit the Solid Waste Management District's website to learn more about the grant program.

Posted 3/26/2014 **Author: Matt Riggs**

Bring good things to life — again — when you recycle your old appliances

Modern life would be very different without appliances: they wash, they dry, they heat, they cool, they slice, they dice, they make julienne fries! But when they stop working and are beyond repair, it's time to recycle them. But where?

Large Appliances

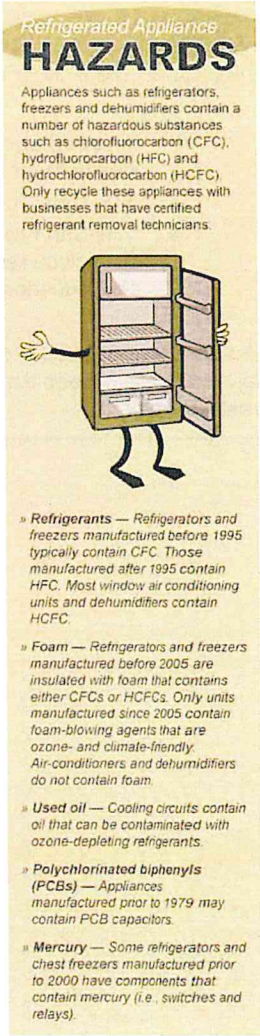
The easiest way to recycle large appliances such as washers and refrigerators is to have them removed by the company delivering your new appliance. They will recycle your old appliance and are required by law to properly dispose of refrigerants. If you're installing the new appliance yourself, consider taking the old, nonfunctioning one to a scrap metal dealer, a used appliance dealer, landfill or transfer station. Johnson County, Lee's Summit, and Courtney Ridge landfills have appliance recycling services. Several transfer stations (a site where recyclables and refuse are collected and sorted in preparation for processing or landfill) have appliance recycling services as well. Always call first.

If your old appliance still works, there may be no need to recycle it. Contact a used appliance dealer or Habitat ReStore (one of our SWMD grantees) to find out if it can be reused.

Small Appliances

Non-working small appliances like hair dryers, microwaves and coffee makers are accepted by a few electronic-waste recyclers such as The Surplus Exchange, Vintage Tech Recyclers, and Computer Recycle USA. If you're just upgrading and the old one still works, you can also donate it to your local thrift store.

For more information on recycling appliances, visit RecycleSpot.org and search for the appliance you wish to recycle.


Refrigerated Appliance
HAZARDS

Appliances such as refrigerators, freezers and dehumidifiers contain a number of hazardous substances such as chlorofluorocarbon (CFC), hydrofluorocarbon (HFC) and hydrochlorofluorocarbon (HCFC). Only recycle these appliances with businesses that have certified refrigerant removal technicians.

» **Refrigerants** — *Refrigerators and freezers manufactured before 1995 typically contain CFC. Those manufactured after 1995 contain HFC. Most window air conditioning units and dehumidifiers contain HCFC.*

» **Foam** — *Refrigerators and freezers manufactured before 2005 are insulated with foam that contains either CFCs or HCFCs. Only units manufactured since 2005 contain foam-blowing agents that are ozone- and climate-friendly. Air-conditioners and dehumidifiers do not contain foam.*

» **Used oil** — *Cooling circuits contain oil that can be contaminated with ozone-depleting refrigerants.*

» **Polychlorinated biphenyls (PCBs)** — *Appliances manufactured prior to 1979 may contain PCB capacitors.*

» **Mercury** — *Some refrigerators and chest freezers manufactured prior to 2000 have components that contain mercury (i.e., switches and relays).*

Posted 4/11/2014 **Author: Lisa McDaniel**

How Much Does a Typical American Family Throw Out in a Week?

Yuliya Radchenko and Walid Halabi of NYC, New York, with their children Zacharia, 7, and Khalid, 11, surrounded by a week's worth of their recyclables and landfill trash, in February. Recyclable items are on the left-hand side of the photo. Items destined for landfill are to the right. Their total household waste for this week was 21 lb. Fifty-two percent of it (10.9 lb) was landfill and forty-eight percent of it was recyclables (10.1 lb). (PRNewsFoto/The GLAD Products Company)

Do you know how much of your weekly household waste could be diverted from the landfill? The Glad Products Company recently took a closer look at eight diverse U.S. families as part of a public service campaign on household waste awareness, and the visual is rather eye-opening.

In a photographic study titled "Waste in Focus," photojournalist Peter Menzel and writer Faith D'Aluisio interviewed each of the families and sorted one week's worth of household trash and recycling. The photos feature each family surrounded by items destined for the landfill or the recycling or compost bin.

The families, each with four members, live in Atlanta, New York City, Phoenix and San Francisco and are of different backgrounds and ethnicities. While this was not an exercise to compare the families to one another, there are a few interesting takeaways from the project:

- The average amount of waste generated was 36.3 pounds for the week. Of that, 55 percent was destined for the landfill and 45 percent was a combination of recyclables and compostables.
- The New York City families generated less waste; averaging 25 pounds for the week.
- The San Francisco families averaged a 91 percent recycling rate. This is not surprising since San Francisco residents are required to separate their food waste for compost pickup rather than put it into trash destined for landfill.

Find out more about the project, view the photos and read each family's story by visiting WasteinFocus. The site, in partnership with Keep America Beautiful, also includes a quiz and tips that can help you and your family reduce waste at home.

Posted 4/21/2014 **Author: Matt Riggs**

Donation is always in fashion

You're faced with the same dilemma every spring and fall: what to do with extra clothes, clothes that don't fit, or clothes that are too damaged to wear. So many people in the world need clothing — and so many landfills don't — so why not donate your unwanted clothes?

Options for donation

Donating clothes has never been easier. There are thrift stores and clothing donation bins throughout the community, and friends and relatives who might appreciate the hand-me-downs. Charities will often accept your gently worn clothing, too. If you're donating to a charity, always contact the organization first to find out donation requirements. You may even qualify for a tax deduction.

Wardrobe malfunction?

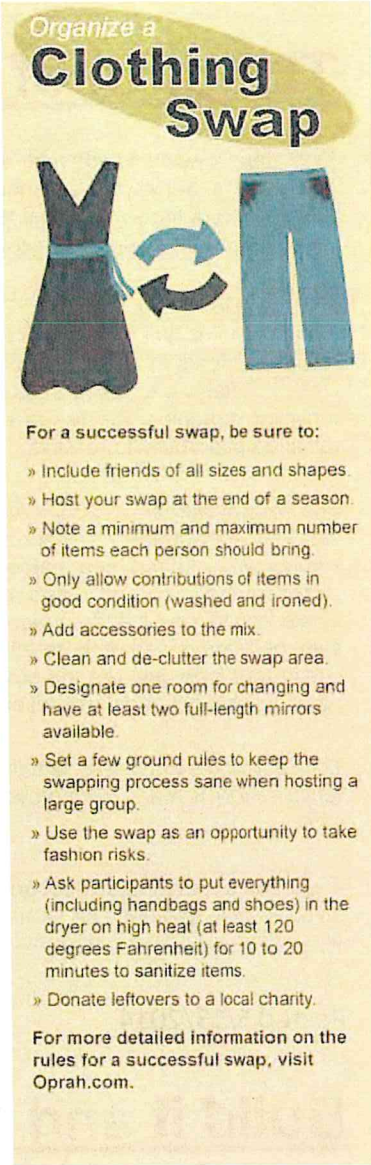
What about clothes that are ripped, stained or faded? Go ahead and donate them, too! Major thrift operations contract with textile reclamation companies that accept damaged clothing and clothing that won't sell in stores.

Wearable clothing is sold in different countries throughout the world where it's in demand. Unwearable clothing can take a couple of different routes. Cotton and other biodegradable materials are often recycled into wiping cloths. They can also be shredded into "shoddy" fibers, blended with other selected fibers, and turned into recycled yarn. Synthetic materials such as polyester are turned into new filament fiber used to make new polyester fabrics.

Clothing Swap

Participate in a clothing swap to exchange your closet clean-outs for clothing you will wear. You can join an existing group, such as Kansas City Pop-Up Clothing Swap, or set up one of your own among friends (see list above).

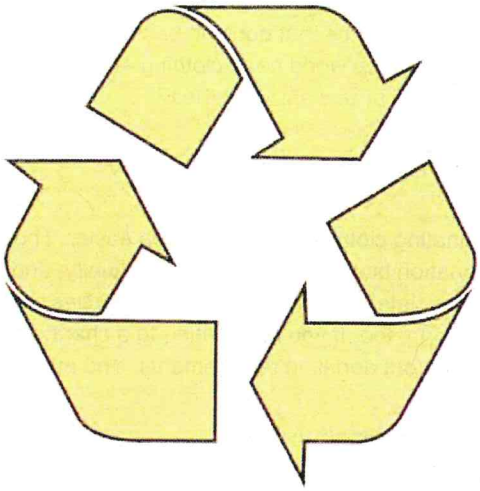
For more information on donating clothing, visit RecycleSpot.org.



Posted 4/22/2014 **Author: Lisa McDaniel**

The birth of an icon

Most people wouldn't consider 44 to be a milestone number for celebrations, but we think a shout-out is appropriate to recognize the creation of the symbol that today is associated with everything pertaining to recycling, recyclable and recycled products.



In celebration of the first Earth Day in 1970, the Container Corporation of America sponsored a design contest. Art and design students at colleges and high schools throughout the United States were asked to design a symbol that represented the recycling of paper. The design was to appear on the company's recycled paperboard products.

The contest winner was Gary Anderson, then a senior at the University of Southern California. Anderson's concept for the symbol was inspired by a mathematician's discovery that a strip of paper twisted once and joined at the ends formed a continuous single-edged, one-sided surface: a Möbius strip. The recycling symbol is comprised of three "chasing arrows" that join in a continuous loop, just like the Möbius strip. The three arrows also have significance, each representing a step in the recycling process: collection, manufacturing and purchasing.

The recycling symbol has remained unchanged since 1970, though you find variations to indicate whether an item is recyclable or is made from recycled content. Its simplicity and concise message have made it a widely recognizable icon.

If you see a recycling symbol and would like more information about what it means, give us a call at 816-474-TEAM. If you want to find out if an item bearing the chasing arrows symbol can be recycled locally, visit RecycleSpot.org.

Posted 5/13/2014 Author: Matt Riggs

Build it and they will come. Tear it down and they can recycle it!

There's a huge pile of it when a building is torn down. There is a dumpster full of it when a house is remodeled. It's called construction and demolition waste, and the good news is most of it can be reused or recycled.

Construction and demolition materials consist of the debris generated during the construction, renovation and demolition of homes, buildings, roads and bridges. And all of us — from construction companies to private residents — can play a role in giving it a second life.

Donate it

Habitat ReStore accepts donations of new and used building materials and furniture from individuals, contractors and retailers. The donated materials are made available to the public at discounted prices. Profits support Habitat for Humanity's mission to build decent, affordable homes for low-income families to own.

This Habitat ReStore Kansas City guide (PDF) lists all building materials you can donate.

Deconstruct it

Deconstruction is the process of hand-dismantling rooms, homes or buildings in order to salvage useable portions. The Habitat ReStore Kansas City uses trained and certified deconstruction contractors for whole-house removal. ReStore also has crews that handle partial deconstruction jobs like kitchen, bath and deck removal.

Choosing deconstruction has many advantages, including:

- Reduced costs through tax deductions.
- Reduced environmental impact when removing the building.
- Creating new, livable-wage jobs in the Kansas City area.
- Supplying Habitat ReStore with quality, affordable building materials which are made available for public reuse.

Take it to a landfill or transfer station

There are several landfills and transfer stations in the Kansas City metro area that recycle certain building materials, including metal, asphalt, concrete, wood waste and roofing materials. Landfills and transfer stations charge a fee for accepting materials. For more information, visit RecycleSpot.org and search for "building materials" under "I want to recycle."

Habitat for Humanity
Kansas City
ReStore

Basic Donation Requirements

Habitat ReStores require donations to meet the following criteria:

» **Reusable** — Must be made for use in residential or light commercial construction, improvement, maintenance or furnishing by the common homeowner or small business owner.

» **Structurally sound & complete** — Must be complete, intact, sturdy and free of major damage.

» **Functional** — Must be able to do what it was made to do. The item needs to be ready to work off the shelf without any repair.

» **Cosmetically Appealing** — The item must be appealing for reuse in another person's home. Think of whether or not you'd give the material to friends or family.

» **Sellable** — Trained staff must determine that the item will sell in the store.

Posted 6/24/2014 **Author: Lisa McDaniel**

New Yard Waste Management Options for Jackson County

The MARC Solid Waste Management District administers an annual grant program that awards funds to local communities and organizations for waste reduction and recycling-related projects. From time to time, we publish updates about recent grant recipients.

In 2012, Jackson County received a $15,000 grant from the MARC Solid Waste Management District to survey residents living in the eastern part of the county to determine interest and need for a yard waste collection facility.

More than 1,500 surveys were completed by residents of Blue Springs, Oak Grove, Lake Lotawana, Lone Jack, Grain Valley and the unincorporated area of the county. The findings of this survey indicated that residents:

- Have a need for additional yard waste disposal services in the area.
- Recognize the need to properly manage yard waste.
- Believe local government should have a role in addressing yard waste management needs.

As a result of this survey, the county received $64,632 in grant funds from the district to support start-up costs for a regional yard waste drop-off facility. The site is located near Pink Hill and Ketterman Road in Oak Grove on land owned by Jackson County. The cities of Blue Springs, Oak Grove and Grain Valley collaborated with the county on the project.

The Eastern Jackson County (EJC) Yard Waste Collection Center officially opened on June 5, 2014. The facility collects leaves, yard clippings, tree limbs, brush and large tree debris.

For more information about the EJC Yard Waste Collection Center, including hours and fees, visit the county's website or call (816) 847-7050.

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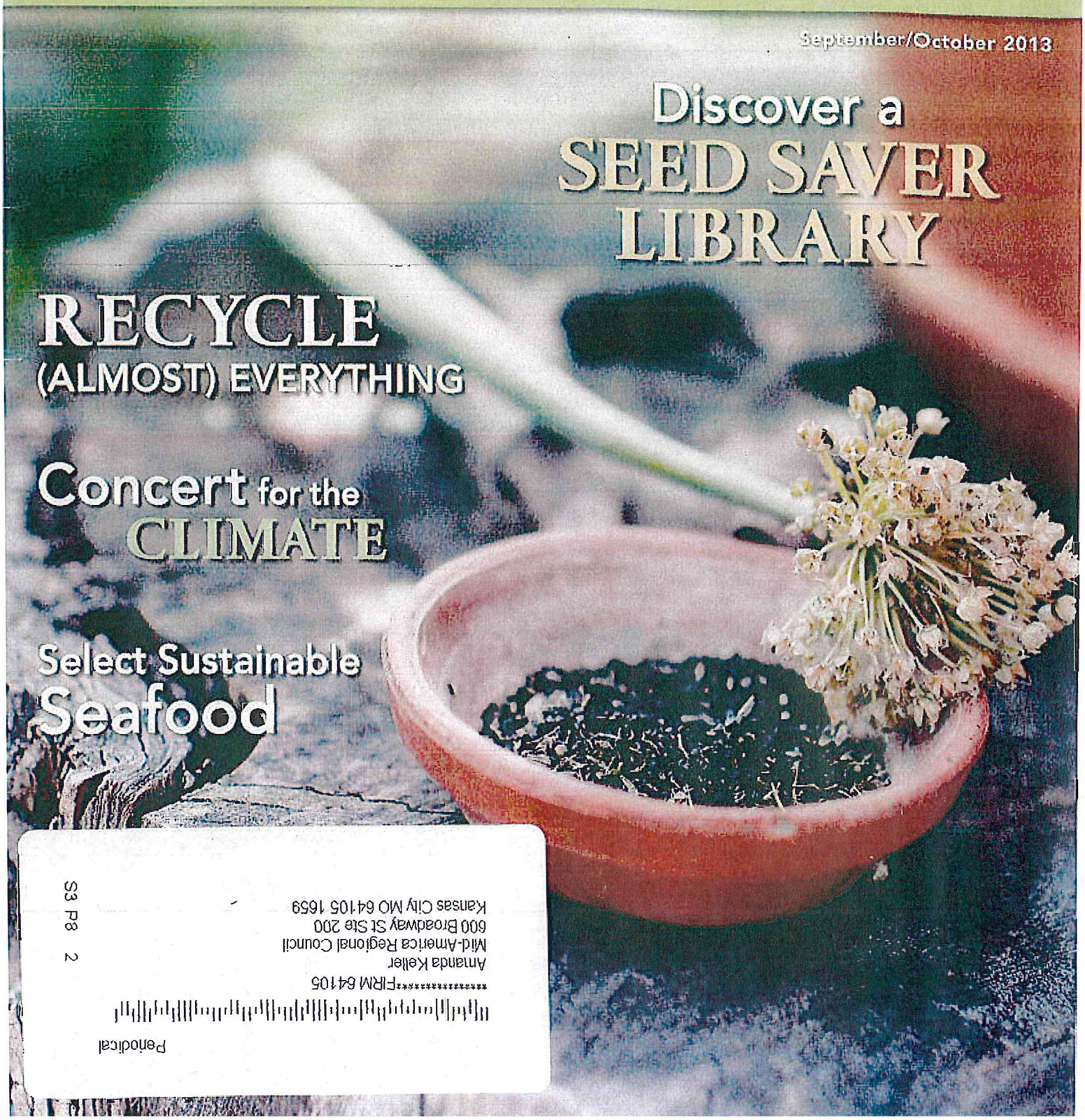

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Really Responsible Recycling

Photograph by Valerie Kutchko

Reduce: The lost R of recycling

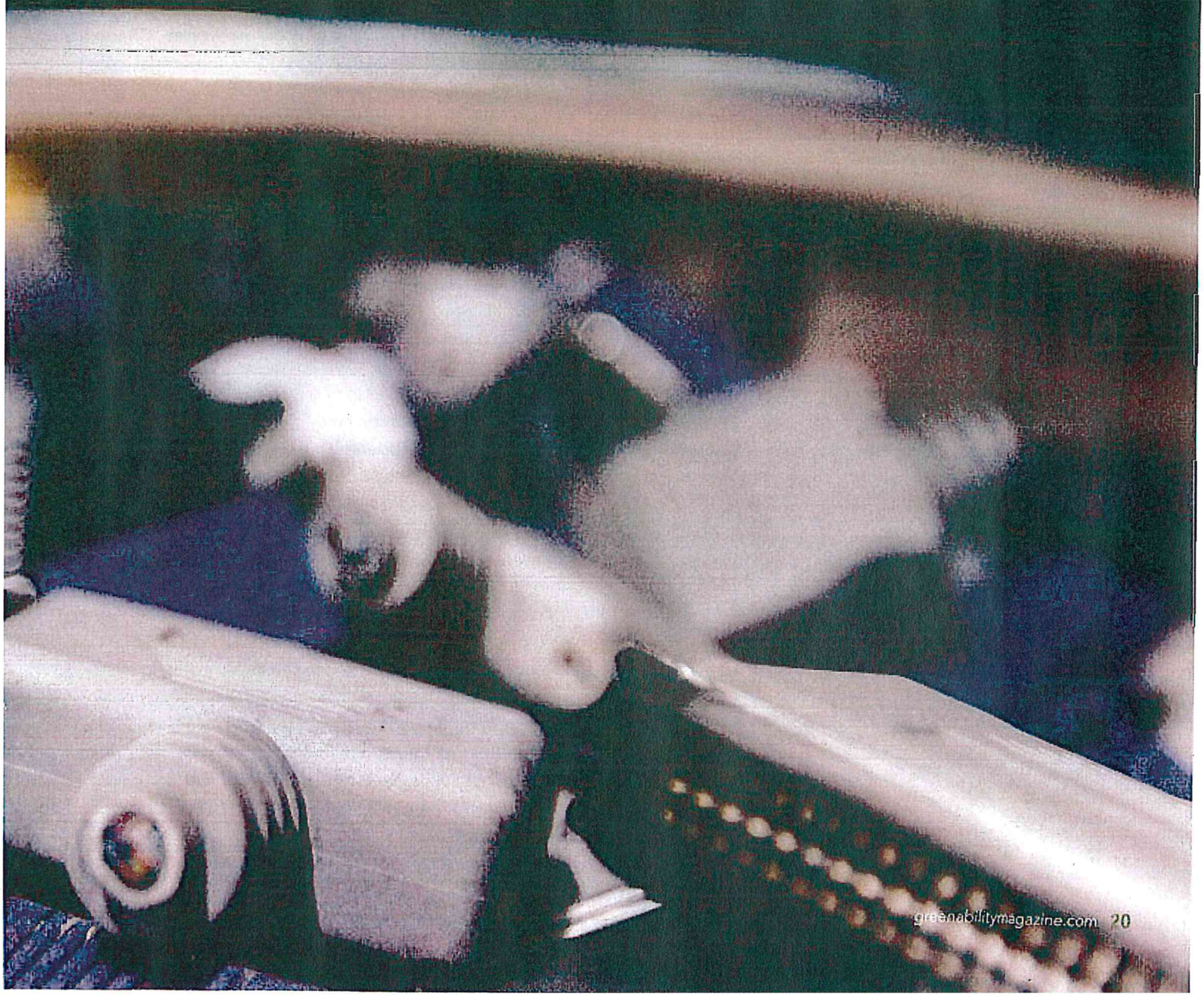
By Matt Riggs

Reduce, reuse, recycle—the three Rs. We hear this phrase all the time. It tumbles out of school kids' mouths as easily as reading, writing and arithmetic did a few generations ago. It shows up in promotional pieces touting the green efforts of public and private entities. It has become the mantra of solid waste management.

Surveys show we're doing a better job with reusing and recycling. But how much waste reduction is actually occurring? In my 17 years in the solid waste field, the answer is, not much.

According to the Environmental Protection Agency's Waste Management Hierarchy, source reduction is the most preferred way to deal with waste. However, most individuals and entities have not gotten past recycling and reuse. What we set out at the curb each week, or donate to the local thrift store, is a tiny drop in the bucket compared to the energy and resources used and waste and pollution generated upstream to make all our stuff.

The key to waste reduction, put simply, is not creating waste in the first place. It involves minimizing the amount of resources and energy used to make things and reducing the amount



of stuff going into the landfill and pollution going into our environment. It includes many actions that not only reduce the overall amount but also the dangers of the waste created.

Look upstream

All of our belongings have an upstream, or source. Objects are produced using resources that come from inside the Earth or on its surface. To turn these resources into material goods, we harvest or extract, produce and distribute. But these processes use a great deal of energy and produce vast quantities of waste and pollution.

Let's take a quick look at paper to see what's going on upstream. Trees are harvested and turned into paper. Simple enough, right? Well, not when you consider all the steps that occur between that tree and that piece of paper sitting in your printer. For example, there are the metals required to make the chainsaws and logging machines to harvest the trees. All this metal must be extracted from the Earth, made into tools, and distributed to logging companies. Then there are the trucks, trains and ships that transport the logs and paper. Of course it takes fossil fuels (oil, coal and natural gas) to run all those machines, manufacturing plants and transportation. And we can't forget all the water and chemicals used to process the paper and make it bright white.

The grand total? It takes 98 tons of material to make one ton of paper. And that's just one out of the many thousands of products being manufactured in the world.

It's systemic

We have to look at and understand all environmental issues from the systemic level if we are going to find meaningful solutions. How can we transform extraction, production and distribution to produce less waste at the systemic level?

In her book, *The Story of Stuff*, Annie Leonard suggests three places we can change the extractive system: the front end, the back end, and in our hearts and minds.

At the front end, Leonard calls for "a massive increase in our resource productivity ... to get way more out of each pound of material or unit of energy consumed."

Examples include reducing packaging; light-weighting (redesigning products to contain fewer materials); and making products durable, repairable, recyclable and adaptable (having removable, updateable components). The back end consists of consumers recycling and reusing products instead of extracting virgin materials to make new ones. Changing our hearts and minds means looking for non-material ways to meet our needs.

One of the best suggestions Leonard offers is the simple act of sharing. On a larger scale, it has the added benefit of building community and enhancing interpersonal relationships.

When it comes to transforming production, Leonard says that we need to start with the most important step: design. She argues that design is crucial because it determines which ingredients need to be extracted or created, the amount of energy expended in making and using the product, the presence or absence of toxic chemicals, the length of the product's life span, the ease or difficulty of repair, its ability to be recycled, and the harm caused by burying or burning the product if it is not recyclable.

Changes in design can be incremental, such as removing an individual hazardous chemical from a product, or can involve the complete redesign of a product. Leonard sees biomimicry — where design solutions are inspired by nature — as one of the most revolutionary ways to transform design.

The systemic solutions to distribution are shifting toward local distribution systems and economies, and international solidarity. Examples of the former include the local food movement and the efforts of groups like the Business Alliance for Local Living Economies, which unites businesses working to promote community self-reliance and local economies. International solidarity supports workers and communities in developing countries to transition to locally supported sustainability.

What You Can Do

Addressing these issues from the 30,000-foot level can be overwhelming. So let's take a look at specific actions we can each take as individuals to reduce our waste:

Use what you own – Don't purchase products you already have. Keep things clean and organized so you can easily find what you need.

Donate – Give unwanted items to friends, family, neighbors, charities and thrift stores.

Repair – Fix something instead of replacing it.

Maintain – Maintain homes, buildings, vehicles, equipment, clothing, appliances, etc. Items which are well-maintained don't have to be repaired or replaced as often.

Buy durable – Well-made, durable products have a longer lifespan and are more likely repairable.

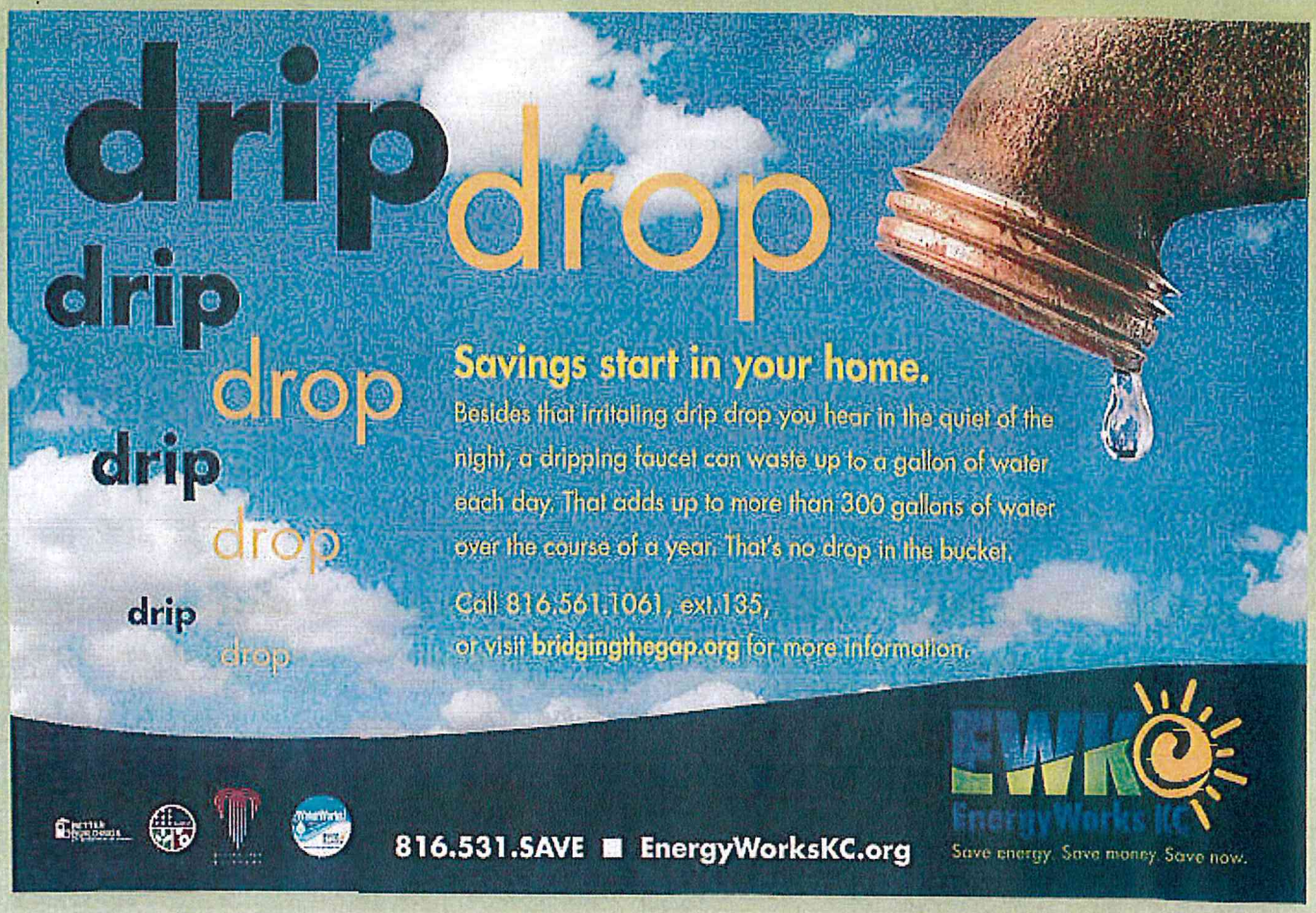
Reuse at work – Make sure your business or organization has a system for reusing, donating or selling surplus supplies and property.

Shop used – You can save natural resources and save money by shopping for used items. Places to shop include:

- Garage sales
- Estate sales
- Thrift stores
- Habitat For Humanity ReStores
- Consignment shops
- Antique malls
- Pawn shops
- Classified ads
- eBay
- Craigslist
- Auctions

Reuse everyday items – Get in the habit of reusing everyday items. Some common examples include:

- Plastic grocery sacks – Trash bags or thrift store donation bags
- Dairy tubs – Inexpensive containers for leftover food
- Coffee cans – Great storage containers for hardware
- Old t-shirts – Shop rags
- Popsicle sticks, paper towel rolls, egg cartons, etc. – Kids' art project supplies



Share, borrow and rent – Save money and resources by sharing, borrowing and renting items you use infrequently.

Choose less or no packaging – When choosing between two similar products, select the one with the least or no packaging.

Choose large or economy-sized items – These sizes usually have less packaging per unit of product.

Choose concentrated products – They often require less packaging and less energy to transport to the store.

Buy in bulk – Bulk products often require less packaging. However, be sure you are going to use it all up or have friends and family who can share it with you.

Use safe alternatives – Many hazardous products have a low- or no-hazard counterpart.

Use durable bags – Whether you're shopping for groceries, clothes, toys or tools, use reusable shopping bags instead of paper or plastic bags.

Use refillable mugs and water bottles – These come in all shapes and sizes.

Use plastic food storage containers as takeout boxes – These can replace disposable paper, plastic and polystyrene boxes.

Get involved – There are many ways to take waste reduction to the next level, from implementing waste-reduction measures at work to getting involved with organizations dealing with waste issues on the front lines:

- EPA's Sustainable Materials Management program examines the entire product life cycle and seeks to conserve vital resources, reduce waste and minimize the environmental footprint of materials. *www.epa.gov/epawaste/conserve/smm*
- Kansas Organization of Recyclers is a nonprofit that supports environmental stewardship through waste reduction, composting, reuse, recycling and sustainable efforts in Kansas. *www.kskor.org*
- Missouri Recycling Association is a nonprofit leading Missouri toward environmental sustainability through waste reduction and recycling. *www.mora.org*
- Product Stewardship Institute is a national nonprofit that pursues initiatives to ensure that all those involved in the lifecycle of a product share responsibility for reducing its health and environmental impact. *www.productstewardship.us*

Matt Riggs is the outreach coordinator for the Solid Waste Management District of the Mid-America Regional Council (MARC).

Find a place to recycle (almost) everything

When you're looking for a local location that will take your recyclable item, check *www.recyclespot.org*, sponsored by the Solid Waste Management District of the Mid-America Regional Council. Or call 816-474-8326 for more information.

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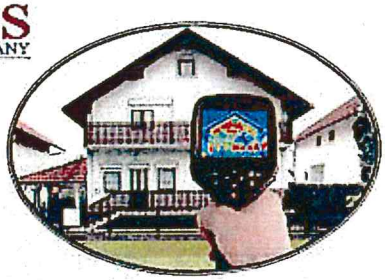

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2014 HHW Mobile Collection Schedule

Events run from 8 a.m.–noon

Check RecycleSpot.org to confirm locations

April 5	Independence, 9 a.m.–1 p.m. *Walnut and Liberty near the Square*
April 19	Blue Springs with Grain Valley and Jackson County* *Pink Hill Park*
May 31	Excelsior Springs with Lawson *Excelsior Springs Public Works*
June 21	Harrisonville with Pleasant Hill and Cass County *Cass County Justice Center*
Aug. 9	Belton with Raymore and Cass County* *Belton Freshman Center*
Aug. 16	Smithville with Clay County *Location TBD*
Aug. 23	Platte County with Weston and Platte City *Platte Ridge Park*
Sept. 13	Richmond *Richmond City Hall*
Sept. 27	Gladstone* *Happy Rock Park*
Oct. 4	Riverside with Parkville* *E.H. Young Park*
Oct. 18	Liberty* *Liberty City Hall*

***ABOP** collection event (*only **A**ntifreeze, **B**atteries, motor **O**il and **P**aint are accepted*)

NO BUSINESS WASTE ACCEPTED

Residents of member communities may attend any of the collection events.

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Missouri Permanent Collection Facilities

	CITY of KANSAS CITY, MO. 4707 Deramus (just south of the Chouteau Bridge in the east river bottoms) 816/513-8400	CITY of LEE'S SUMMIT, MO. 2101 SE Hamblen Rd. (at the Lee's Summit Resource Recovery Park) 816/969-1805
HOURS	No appointment required. Thursday, Friday 9 a.m.–6 p.m., Saturday 9 a.m.–4 p.m.	Appointment required. Open on first Saturday of the month, 7 a.m.–noon; third Wednesday of each month, year round, 2–6:30 p.m. (paint only on Wednesdays). 100-pound limit per visit.
WHO	No charge for residents of Regional HHW Collection Program participants. Must bring ID with proof of residency.	*Residents of non-participating communities may access for a fee.*
ACCEPTS	Automotive products, antifreeze, batteries, CFL light bulbs, fertilizers, flammables, fuels, hazardous cleaners, hazardous liquids, household cleaners, lawn & garden products, paint, pesticides, photographic chemicals, pool chemicals, solvents, thinners, used oil.	
DOES NOT ACCEPT	Prescription drugs, explosives, yard waste, commercial waste, pressurized gas cylinders, items containing asbestos, tires, appliances.	

For information on ***Kansas area facilities,*** *visit* **RECYCLESPOT.ORG** *or call* **816/474-TEAM**

About the Regional HHW Program

The Regional HHW Collection Program provides convenient access to proper HHW disposal for all residents of participating communities. Residents may take HHW products to the permanent collection facilities in Kansas City, Mo., and Lee's Summit, Mo. at no charge. Residents may also attend **ANY** of the mobile collections held throughout the year. **Proof of residency is required.**

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NO BUSINESS WASTE ACCEPTED

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Learn more about waste reduction, reuse and recycling!
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To find out if you live in a participating community, call the HHW program coordinator at 816/701-8226, or visit RecycleSpot.org's HHW section.

If you live within the MARC Solid Waste Management District *(Cass, Clay, Jackson, Platte and Ray counties in Missouri)*, **and your city or county is not participating in the program, please contact your city council or county commission.**

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