

City of Lawrence
Sustainability Advisory Board (SAB)
May 11, 2011 (5:30 PM) Meeting Minutes

MEMBERS PRESENT:	Sarah Hill-Nelson, Beth Johnson, Matt Lehrman, Daniel Poull, Andrea Repinsky, Simran Sethi, Brian Sifton, Ian Spomer
YOUTH IN GOVERNMENT PRESENT:	Nick Benson
MEMBERS ABSENT:	Chad Luce, Megan Poindexter
STAFF PRESENT:	Tammy Bennett, Eileen Horn, Kathy Richardson, Lynne Zollner
GUESTS PRESENT:	
PUBLIC PRESENT:	

Call Meeting to Order (Matt Lehrman, Chairperson)
Take Roll Call to Determine Quorum of Members

APPROVAL OF MEETING MINUTES

Motion and second to approve the April 13, 2011 minutes (Poull/Sifton).
Vote: Motion was passed unanimously.

Solid Waste Task Force (SWTF) Update

At the last Solid Waste Task Force meeting Kathy Richardson's [presentation](#) included information on solid waste and recycling service comparison among several communities, information on waste characterization studies, and a list of waste reduction and recycling goals (i.e. national, state, local goals). SWTF members received a detailed [community comparison chart](#) which was created using the same communities the City uses each year for the solid waste rate comparisons.

On May 17th, SWTF members will tour Solid Waste Division office and also view trash collection in three different areas: downtown alley, residential alley and residential curbside area.

SWTF scheduled tentatively a public input meeting on Wednesday, June 8th at 6:00 p.m. in the Commission Room at City Hall. This meeting will be conflict with the SAB June meeting. The board agreed to attend the SWTF public input meeting in June in lieu of their monthly meeting. The next SAB meeting will be July 13th.

Local Food Policy Council (LFPC) Update

Daniel Poull mentioned that the Local Food Policy Council has completed a draft of the Foods System Report. Once LFPC reviews the draft and approves the distribution of the report at their upcoming meeting, then SAB and other groups will receive a copy.

Review of the Horizon 2020 Comprehensive Preservation Plan

Lynne Zollner, City Historic Resources Administrator, distributed a draft copy of the [Historic Preservation Plan](#) which includes goals, policies, and implementation strategies. SAB reviewed the document and

offered edit suggestions. Timeline on action items: the Lawrence-Douglas County Planning Commission will take action on the Historic Preservation Plan in July/August this year. Public hearings will be organized in 2011.

Review of the Climate Protection Task Force (CPTF) Final Report and Potential “Lawrence State of Sustainability” Report

SAB discussed the importance of developing a type of “State of Sustainability” report for Lawrence. This report would provide direction to the board and help identify which items to advise the City Commission on. There was discussion on using environmental or sustainability indicators and creating benchmarks.

Eileen Horn informed SAB that she received a sustainability strategies matrix (see attached) at an EPA conference for sustainability coordinators. SAB reviewed the matrix and agreed that this would be a great tool to use for Lawrence. The board also agreed to use the strategies that were identified in the Climate Protection Task Force Report in 2008.

At the July SAB meeting, SAB will revisit their goals developed last year. The board will also review a staff draft document summarizing accomplishments and goals of the seven CPTF strategies.

Action: Eileen Horn will create this document and email it to SAB a week prior to the July meeting.

Staff Report: Waste Reduction and Recycling Division

See WRR report attached.

Staff Report: Sustainability Coordinator

Eileen Horn informed SAB of the following:

City of Lawrence updates:

Take Charge Challenge: Manhattan is still in the lead, but by a slim margin. Lawrence is doing very well in category 1 (home energy audits through Efficiency KS), but need to work on category 2 (bulbs and thermostat changes) and category 3 (community involvement). Request of SAB: Please invite Westar to present at your workplace/church/boy scouts troop, etc. It's a x10 multiplier, so if you can pull together 20 folks, we get 200 points. Enter your bulb switches at www.takechargekansas.org.

The Lawrence-Douglas County Fire Medical Department stations are competing in an “Energy Smackdown” contest starting June 1. This contest is based upon behavioral changes to show the impact of simple actions – adjusting thermostats, using smart power strips, etc.

This month's CHAMP, the City's Wellness Group, picnic will feature local foods.

The City is hoping to collaborate with KC Clean Cities to apply for an Electric Vehicle Readiness Grant sponsored by the Department of Energy. This is for a regional infrastructure planning process. A letter of support has been submitted and the grant is due in late June.

The EPA's Climate Showcase Communities Grant is coming up again and the City will likely apply. Eileen Horn will bring ideas to share with SAB for feedback.

Brian Sifton and Eileen Horn have been working with the City Manager and City Engineer to submit an application to the EPA's Re-Powering America's Lands Program to assess the feasibility of renewable energy at the former Farmland Industries site.

Motion and second to approve the SAB letter of support (see attached) for the EPA's Re-Powering America's Lands Program (Hill-Nelson/Spomer).

Vote: Motion was passed unanimously.

Douglas County updates:

The County Sustainability Team launched this week. They are working on initiatives to support the [Douglas County Sustainability Plan](#).

The County's Judicial Law Enforcement building recently completed an energy efficiency HVAC retrofit project that has saved \$19,000 in 4 months.

Miscellaneous Announcements and/or Public Comments

Brian Sifton informed SAB that he is resigning from the board. He will be relocating to Kansas City soon.

Meeting adjourned 7:03 p.m.

Next meeting: June 8th, 2011 at 6:00 p.m. to attend the Solid Waste Task Force public input meeting.

Attachments:

- Sustainability Strategies Matrix
- SAB Letter of Support for the EPA's Repowering America's Lands Program Application
- Waste Reduction and Recycling Division Report

Sustainability Strategies Matrix

STRATEGY	POLICY AREA															
	Climate Change Mitigation	Climate Change Adaptation	Air Quality	Green Buildings	Energy	Food	Forestry	Housing	Land Use	Open Space	Procurement	Renewables	Transportation	Waste	Water	Economic, Social, Outreach & Misc
Develop neighborhood traffic management programs			x										x			
Introduce traffic calming measures			x		x								x			
Prepare a transportation masterplan			x										x			
Implement bicycle and pedestrian infrastructure programs (lanes etc)	x		x		x								x			
Provide better cycling and pedestrian information (maps etc)	x		x		x								x			
Introduce bus lanes	x		x		x								x			
Introduce a high vehicle occupancy lane (HVOC)	x		x		x								x			
Introduce lane incentives for alternative fuel vehicles	x		x		x							x	x			
Introduce/expand Safe Routes to School Program/Walk to School programs	x		x		x								x			x
Implement a car sharing program	x		x		x								x			
Strengthen public transport provision (infrastructure and service expansion/upgrade)	x		x		x								x			
Introduce or expand park-and-ride facilities	x		x		x								x			
Promote use of public transportation			x		x								x			
Institute a public transportation pass program (price reductions)	x		x		x								x			
Introduce bus rapid transit or shuttle services	x		x		x								x			
Provide transit passes to residents through a household or business tax	x		x		x								x			
Make provision for bicycle parking at train and bus stations	x		x		x								x			
Make provision for carriage of bicycles on trains and buses	x		x		x								x			
Introduce public bikesharing/rental facilities	x		x		x								x			
Use fuel efficient vehicles and/or alternative fuels for city fleets	x		x							x			x			
Open local government alternative fueling stations to the public	x				x							x	x			
Provide electric plug-in stations for freight vehicles at public car parks, truck stops or boats marinas and ports	x				x								x			
Use parking policy measures to discourage car use/encourage use of alternative fuel vehicles					x							x	x			
Promote increased private citizen fuel efficiency					x								x			
Improve Vehicle Maintenance Program	x		x										x			
Monitor tire pressure for fuel efficiency (eg by placing stickers on them)	x		x										x			
Retire old and under-used fleet vehicles	x		x										x			
Station police officers on bicycles/increase police bike patrols	x		x										x			
Use car sharing programs in lieu of a city fleet	x		x										x			
Provide cycle facilities for employees (eg. bike rental ports, lockers, maps, bike racks, shower facilities)	x		x										x			
Encourage car-pooling, van-pooling, and mass transit use by municipal employees			x										x			
Encourage telecommuting and flexible working for municipal employees			x										x			
Implement an employee cash-out parking scheme	x		x										x			
Implement subsidized bicycle purchase for employees	x		x										x			
Provide municipal employees with public transport travel passes	x		x										x			
Encourage employees to reduce transport use in work time by teleconference, walking etc			x										x			
Offer public transit tickets to government visitors as an option to parking permits	x		x										x			
Promote commuter trip reduction programs					x								x			
Encourage businesses to offer public transit tickets in lieu of parking vouchers					x								x			
Encourage businesses to offer an employee cash-out parking scheme					x								x			
Encourage shared parking facilities (eg between theatres, churches etc)					x								x			
Promote community purchases of compact and hybrid vehicles					x							x	x			
Help bring car sharing programs to the community					x								x			
Raise gas taxes	x				x								x			

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	Climate Change Mitigation	Climate Change Adaptation	Air Quality	Green Buildings	Energy	Food	Forestry	Housing	Land Use	Open Space	Procurement	Renewables	Transportation	Waste	Water
Introduce congestion charging or road pricing	x				x								x		
Offer reductions on parking permit/congestion charge/vehicle registration based on GHG Emissions	x				x								x		
Offer priority/free parking for Ultra Low Emissions vehicles	x				x								x		
Raise parking prices/extend hours of operation/reduce number of spaces	x				x								x		
Provide tax incentives to encourage carpooling	x				x								x		
Waive sales tax/provide loans for energy efficient vehicles	x				x								x		
Lobby for increased CAFE (vehicle fuel economy) standards					x								x		
Encourage use of more fuel efficient jets/jet fuel					x								x		
Create financial incentives or encourage hybrid and fuel efficient vehicles in the community					x							x	x		
Encourage businesses to improve fuel efficiency of freight movements (eg move by rail)	x				x								x		
Encourage pay as you drive car insurance					x								x		
Implement carbon tax	x		x		x										
Establish carbon cap and reduction plan for utility emissions	x		x		x										
Develop a carbon neutral certification scheme	x		x												
Provide tools for tracking carbon emissions	x		x												
Encourage and support regional, state, and national GHG reduction goals	x		x												
Provide or promote a reliable GHG offset program	x		x												
Promote carbon neutral mechanisms/resources for tourists	x		x												
Promote carbon neutral programs and events (including city events)	x		x												
Develop flood management systems to protect local communities		x													x
Update 100-year flooding maps		x													x
Document flood management systems to help local businesses and residents get adequate flood insurance		x													x
Develop adaptation strategies for essential local services and infrastructure		x													
Work with communities to develop area-specific climate change adaptation strategies		x													
Amend building codes to address the impacts of climate change	x	x	x	x											
Prepare communities for extreme heat events		x													
Open 'cooling centers' for extreme heat events		x													
Support efforts to get greater A/C penetration in high-risk residential areas		x													
Develop measures to counter 'urban heat island' effect (tree planting etc)	x	x					x								
Support public transit 'discount days' during high ozone days	x	x	x										x		
Encourage distributed solutions to stormwater flooding (downpipe disconnection/rain barrels, rear yard permeability)	x	x													x
Install permeable paving	x	x													x
Use perforated sub-surface pipes for stormwater drainage	x	x													x
Require taxicabs and other licensed private hire vehicles to reduce emissions	x		x										x		
Install Diesel Particulate Filters on municipal fleet (motor vehicles, trains, ferries etc)	x		x										x		
Restrict idling of municipal vehicles	x		x										x		
Restrict idling at public facilities	x		x										x		
Restrict air, rail and maritime idling	x		x										x		
Restrict idling of domestic vehicles	x		x										x		
Improve traffic signal synchronization	x		x										x		
Use natural landscaping to reduce emissions from lawnmowers etc	x		x				x								

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Promote 'Spare the Air' days (voluntary curtailment of high emission activities) as a means of awareness raising	x		x										x			
Introduce a 'Gas cap exchange' project for private vehicles with leaking or missing gas caps	x		x		x								x			
Encourage replacement of gasoline-powered lawnmowers with electric-powered	x		x		x		x									
Develop a green building policy for all new municipal buildings and major renovations	x		x	x	x						x				x	
Revise building/energy codes to support green building targets	x		x	x	x										x	
Develop/adopt/encourage green building practices	x		x	x	x										x	
Require an environmental review of new buildings	x		x	x	x										x	
Enforce energy code compliance	x		x		x										x	
Adopt or encourage LEED building standards for commercial, residential, and municipal projects	x			x	x										x	
Provide system of recognition for new construction which voluntarily exceeds minimum standards for energy conservation (eg Green Building Certificates)	x			x	x										x	
Implement a weatherization program for municipal buildings / public housing	x		x	x	x											
Promote / subsidize weatherization of commercial and residential properties																
Develop green roofs on municipal properties	x		x	x	x										x	
Develop reflective or 'cool' roofs on municipal properties, encourage them on commercial and residential properties	x			x												
Offer energy audits to small businesses	x		x	x	x											x
Share the efforts and knowledge of the city's green building resources eg. publish a guide				x	x										x	
Encourage use of sustainable building materials (eg minimize cement use)				x												
Encourage retrofit of green building technologies on commercial and residential buildings				x											x	
Provide incentives for green roofs on commercial and residential properties				x											x	
Provide green building information to the public				x	x										x	
Subsidize residential energy audits			x	x	x											
Implement a green concrete program			x	x												
Provide training for City staff on green building/energy code procedures and financing				x												
Require improved power plant efficiency	x		x		x											
Implement district heating and cooling	x		x		x											
Install energy-efficient co-generation power production facilities	x		x		x											
Require local industries to mitigate their adverse environmental impacts	x		x		x									x	x	
Implement time-of-use or peak demand energy pricing	x		x		x											
Implement distributed energy generation	x		x		x											
Purchase locally produced energy sources	x		x		x											
Develop a comprehensive energy conservation program	x		x		x											
Adopt stringent residential or commercial energy code requirements	x		x		x											
Require disclosure of energy efficiency at point of residential and commercial sale				x	x											
Require energy efficiency upgrades at point of residential and commercial sale	x		x	x	x											
Promote energy conservation through campaigns targeted at residents and businesses					x											
Create Energy Task Force/Committee/Office of Energy Efficiency/Energy Coordinator to manage energy efficiency programs	x		x		x											
Use energy-efficient holiday/decorative lighting	x		x		x						x					
Install energy-efficient traffic and street lighting	x		x		x						x					

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Decrease average daily time for street light operation	x		x		x									
Retrofit energy efficiency measures to public housing	x		x		x									
Conduct an energy audit of municipal facilities, develop energy management plan	x		x	x	x									
Implement an energy tracking and management system for municipal buildings	x		x	x	x									
Retrofit heating, cooling and ventilation system (HCAV) (e.g. chillers, boilers, fans, pumps, belts, fuel-switching from electric to gas heating, heat exchanges ventilators) in municipal buildings and public housing	x		x	x	x						x			
Retrofit lighting fixtures and/or replace bulbs with CFLs in municipal buildings and public housing	x		x	x	x						x			
Install energy efficient appliances in city offices, kitchens, laundries and cafeterias in municipal buildings and public housing	x		x	x	x						x			x
Install building/office occupancy sensors in municipal buildings and public housing	x		x	x	x						x			
Install green or reflective roofing on municipal buildings and public housing	x		x	x	x						x			
Improve water pumping energy efficiency in municipal buildings and public housing	x		x	x	x									
Install or improve building insulation (including double-glazed windows) in municipal properties	x		x	x	x									
Institute a "lights out at night" or "lights out when not in use" policy in municipal buildings	x		x	x	x									
Implement an employee awareness program to change habits regarding turning off computers and monitors when not in use	x		x		x									
Install computer shut down (optimization) software on municipal computers	x		x		x						x			
Promote energy conservation through campaigns targeted at businesses and residents					x									
Run appliance trade-in sessions for local community					x								x	
Promote participation in a local green business program					x									
Make available network of contractor contacts for green building retrofit/energy audits/green technologies				x	x									
Provide energy audits/analyses to businesses and households				x	x									
Give grants for / bulk purchase household insulation				x	x									
Distribute free CFL bulbs and/or fixtures to community					x									
Distribute energy efficiency/conversion kits				x	x									
Establish VOLT Loan Program (Fannie May loan program for energy efficiency upgrades to homes)				x	x									
Provide energy conservation loans				x	x									
Community energy efficiency rebate program					x									
Waive sales tax for/ offer rebates on energy efficient appliances					x									
Better loan rates/financial incentives for energy efficient, Energy Star certified/LEED homes				x	x									
Small business grants for energy efficiency upgrades				x	x									
Require a tiered rate for electricity consumption (above the average)					x									
Implement schemes to incentivize building insulation in commercial and residential properties					x									
Implement schemes to incentivize energy efficient appliances in residential and commercial properties					x									x
Promote greenmarkets and local food markets, especially in areas underserved by grocery stores					x	x							x	x

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Increase land dedicated to food production						x			x						x
Plant shade trees in and around local government parking lots and facilities	x		x				x			x				x	
Maintain healthy urban forests and street trees	x		x				x			x				x	
Promote tree planting to increase shading and to absorb CO2	x		x				x			x				x	
Organize community tree-planting and maintenance events	x		x				x			x				x	
Promote a biodiverse landscape in parks	x		x				x			x				x	
Encourage/expand community gardening program							x			x					
Eliminate use of artificial/chemical pesticides and fertilizers in parks	x		x				x							x	
Implement green yard campaigns							x							x	
Use government agency developments to underpin new affordable housing through co-location								x							
Encourage/incentivize developers to adapt redundant buildings for new housing uses (through policy, taxation system or financial incentive)								x							
Deck over transportation infrastructure (rail lines, rail yards, highways) to provide new land for housing								x	x						
Pursue creative financing options to help develop affordable housing								x							
Support and encourage homeownership								x							
Preserve and maintain the existing stock of affordable housing								x							
Introduce or expand the use of Inclusionary Zoning								x	x						
Use zoning powers to protect or increase open space									x	x					
Open schoolyards as public playgrounds										x					
Expand provision for sports and leisure										x					
Complete or enhance underdeveloped parks										x					
Maximize use of existing facilities for sports and leisure (e.g. by installing floodlights)										x					
Create or enhance public plazas									x	x					
Co-locate civic facilities to reduce travel requirement and maximize building use	x								x				x		
Utilize brownfield sites for civic facilities where possible									x						
Promote high-density and in-fill development through zoning policies	x								x						
Institute growth boundaries, ordinances or programs to limit suburban sprawl	x								x						
Give development incentives for development in existing downtown areas and areas near public transit	x								x				x		
Give development incentives for brownfield development	x								x						
Discourage sprawl through impact, facility, mitigation, and permit fees	x								x						
Use transit extensions to stimulate development in new areas									x				x		
Develop new communities around a public transit hub	x		x						x				x		
Work to create a regional land use plan	x								x						
Develop green urban design guidelines and/or policies									x						
Implement a green purchasing program for the city	x		x								x				
Use life cycle cost analysis in city purchasing decisions	x		x								x				
Purchase environmentally friendly (non-VOC) cleaning products			x								x				
Purchase environmentally friendly (non-VOC) paints			x								x				
Use environmentally friendly materials in construction											x				
Purchase furniture and flooring from sustainable sources	x										x				
Implement recycling and environmentally friendly purchasing in municipal shop operations (oil and fuel reuse etc)	x										x				
Buy recycled products where possible (eg paper for office printing)	x										x				

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Implement a healthy school lunch program and buy local foods						x								x
Adopt a 'buy local' purchasing policy	x					x					x		x	x
Purchase only ENERGY STAR equipment and appliances for City use (including computers, kitchen equipment, vending machines etc). Negotiate prices by purchasing in bulk where feasible.	x		x		x						x			
Establish a hydrogen energy dispensing facility	x		x		x							x		
Generate electricity from wastewater methane	x		x		x							x		x
Install an anaerobic digester at wastewater facilities	x		x		x							x		x
Generate electricity from landfill methane	x		x		x							x	x	
Generate electricity from biomass	x		x		x							x		
Install a biodiesel fuel processor or biorefinery	x		x		x							x	x	
Install a cogeneration plant (generates electrical & thermal power by using waste heat)	x		x		x							x		
Use woodchip heating in municipal buildings and public housing	x		x		x							x		
Use geothermal heating municipal buildings and public housing	x		x		x							x		
Install hydroelectric micro-turbines in water lines	x		x		x							x		x
Implement tidal or ocean current power project	x		x		x							x		
Implement a form of community choice aggregation	x		x		x							x		
Purchase green electricity from solar, geothermal, wind or hydroelectric sources	x		x		x						x	x		
Establish a Renewable Portfolio Standard for government energy use	x		x		x						x	x		
Install solar panels on municipal facilities for heating and hot water	x		x		x						x	x		
Install wind energy turbines	x		x		x							x		
Install hydropower turbines	x		x		x							x		
Offer incentives to foster renewable energy installations in the community	x		x		x							x		
Promote community clean energy use through green power purchasing or on-site renewable technologies	x		x		x							x		
Make available a council contact on green energy sources	x		x		x						x	x		
Provide technical assistance to developers and businesses on green building renewable energy technologies	x		x	x	x							x		
Enforce or increase renewable portfolio standards on utility companies	x		x		x							x		
Implement a renewable energy tax credit program	x				x							x		
Promote installation of fuel cells	x				x							x		
Promote renewable energy use to businesses and homeowners	x				x							x		
Offer property tax abatements for installation of renewable energy	x				x							x		
Implement a Clean Renewable Energy Bond (CREB) scheme	x				x							x		
Capture and combust methane at landfills	x		x										x	
Establish/expand recycling programs (municipal or commercial) and set aggressive recycling targets/goals													x	
Implement organics and yard debris collection and composting													x	
Establish system for reuse or recycling of construction and demolition materials				x									x	
Implement pay-as-you-throw collection for non-recyclable trash													x	
Implement program to reuse asphalt millings	x		x										x	
Implement penalties for non-compliance with recycling programs													x	
Implement a solid waste recycling program in municipal buildings	x		x										x	
Reduce paper use in municipal offices	x												x	
Recover CFCs from discarded air conditioners, freezers and refrigerators in municipal properties and public housing	x		x										x	

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Educate the public about existing recycling programs to boost compliance													x	
Promote home composting													x	
Implement free household electronic/hazardous waste disposal program	x		x										x	
Encourage producer take-back campaigns for disposal of waste products			x										x	
Discourage use of plastic bags/ encourage recyclable bags at stores													x	
Ensure public events recycle waste	x												x	
Increase landfill fees													x	
Incentives for restaurants to recycle waste grease													x	
Restrict purchase of bottled water													x	
Use solar powered public trash compactors	x											x	x	
Implement a stormwater management program	x	x	x	x			x		x	x			x	
Upgrade energy efficiency at wastewater treatment plants	x		x		x								x	
Adopt a water conservation ordinance					x								x	
Protect existing wetland areas										x			x	
Develop 'bluebelt' areas										x			x	
Increase use of high level sewers to manage storm water										x			x	
Use non-asphalt paving / Increase permeable surfaces			x										x	
Use zoning law to prevent excessive paving and require tree planting										x			x	
Green' parking lots (with grass, trees etc)			x				x						x	
Develop expanded tree pits							x						x	
Install weather-controlled irrigation systems in parks to reduce water use	x		x		x								x	
Use low-maintenance landscaping to reduce irrigation required	x		x		x		x						x	
Improve water pumping energy efficiency (heat and distribution)	x		x		x								x	
Use grey water recycling technology in municipal buildings and public housing	x		x	x	x								x	
Install water-saving toilets and showers in municipal buildings and public housing	x		x		x					x			x	
Install automatic sensors on hand basins in municipal buildings and public housing	x		x		x								x	
Provide water saving technology (toilet cistern balls, reduced flow showerheads) to residential properties					x								x	
Promote water conservation activities in homes and businesses	x			x	x								x	
Limit hose and sprinkler use and car washing to specified times					x								x	
Daylight' streams (bring to open air waterways that have previously been culverted to improve biodiversity)										x			x	x
Promote 'green businesses' in the local economy														x
Promote and nurture the creative economy														x
Promote diversity and equal opportunity through municipal hiring practices														x
Provide training and job search support for 'green collar jobs'														x
Institute a Green Investment Program (making environmentally responsible investments)	x		x	x	x					x	x	x		x
Encourage local businesses to hire locals														x
Identify/provide financing opportunities (for efficiency, clean energy, etc.)			x	x	x						x		x	x
Maintain and enhance traditions of community involvement in policy making														x
Support integrated, citywide volunteer program														x
Continue or enhance support for social service programming for vulnerable communities and individuals														x
Organize community clean sweep sessions of illegal dumping sites and street litter, remove graffiti									x				x	x
Community education campaign on sustainability issues														x
Create a website outlining sustainability issues and providing info on (eg) contractors, green energy providers etc														x
Go Green Month events and outreach														x

Sustainability Strategies Matrix

STRATEGY	POLICY AREA												
	Climate Change Mitigation	Climate Change Adaptation	Air Quality	Green Buildings	Energy	Food	Forestry	Housing	Land Use	Open Space	Procurement	Renewables	Transportation
Run a "Community Climate Challenge" program of events													
Promote Green Business practices													
Train City staff in sustainability awareness													
Sustainability training for zoning, building permit and energy code staff				x	x				x			x	
Partner with local media, educators, businesses, universities, governments to get and spread information													
Commit to high quality education and adult education system													
Enhance ties with local universities, promote R&D													
Integrate sustainability into child and adult education programs													
Renewable Energy/Green Business Trainings/Workshops/Outreach													
Support sustainability efforts in schools (green curriculum, financing, etc)													
Hold workshops on green building and energy efficiency financing mechanisms for businesses, developers etc				x	x							x	

May 11, 2011

Lura Matthews
Center for Program Analysis
U.S. Environmental Protection Agency
1301 Constitution Ave. NW
EPA West Building, Room 3417
Washington, DC 20004

Re: City of Lawrence EPA Re-Powering America Application

Dear Ms. Matthews and EPA Application Review Team:

It is with great enthusiasm that we support the City's application for a Re-Powering feasibility study. This project truly exemplifies the balance between the three areas of sustainability – economy, environment, and society. By cleaning up a contaminated site to prepare it for commercial/industrial development and renewable energy generation, Lawrence can provide a showcase for sustainability in our region.

As the City's Sustainability Advisory Board, we work directly with the City Commission to suggest programs and policies to help advance the City's sustainability initiatives. We also work to implement the Climate Protection Plan adopted in 2008.

Our volunteer members come from various organizations and companies from around Lawrence, and represent a diversity of viewpoints and perspectives. We are all committed to providing sound advice to the Commission on sustainability-related matters.

Therefore, we support the City's application for this technical assistance from EPA/NREL, as it will provide critical data to help us make sound, science-based sustainability decisions. Also, the location and history of the Farmland site make it an excellent candidate for demonstrating the potential to convert an environmental liability to an asset - with innovative, smart, sustainable solutions.

Sincerely,

Matt Lehrman,
Chair, Sustainability Advisory Board
City of Lawrence



Waste Reduction and Recycling Division Report for the Sustainability Advisory Board (05/11/11)

RECYCLING PROGRAM REPORT

OLD CORRUGATED CONTAINERS (OCC)

Cardboard	Tons	Revenue
Current YTD	435.85	\$63,198.25
Prior YTD	466.07	\$66,730.75
Avg. Price/ton thru April 2011: \$145.00 Avg. price/ton thru April 2010: \$143.18		

OLD NEWSPAPERS (ONP)

Newspaper	Tons	Revenue
Current YTD	112.43	\$15,572.10
Prior YTD	161.78	\$15,270.00
Avg. Price/ton thru April 2011: \$138.50 Avg. Price/ton thru April 2010: \$94.39		

OFFICE WASTE PAPER (SOP) AND SORTED WHITE LEDGER (SWL)

Sorted Office Paper	Tons	Revenue
Current YTD	14.80	\$4,054.52
Prior YTD	19.29	\$3,905.40
Avg. Price/ton thru April 2011: \$235.00(SOP) Avg. Price/ton thru April 2010: \$202.46		
\$300.00(SWL)		

MIXED WASTE PAPER (MIX)

Mixed Paper	Tons	Revenue
Current YTD	72.77	\$6,309.40
Prior YTD	112.42	\$7,697.78
Avg. Price/ton thru April 2011: \$86.70 Avg. Price/ton thru April 2010: \$68.47		

<u>TOTAL</u>	<u>YTD</u>	<u>TONS</u>	<u>REVENUE</u>
		635.85	\$89,134.27
Prior YTD		759.56	\$93,603.93

HOUSEHOLD HAZARDOUS WASTE (HHW) AND SMALL QUANTITY GENERATOR (SQG) PROGRAM REPORT

Month	HHW Drop-Offs	Battery Bags in Mail	Appt No Show	Home-bound	Saturday Collection	Abandoned Waste	Orphan Waste	SQG Inventory	SQG Drop-off	Product Reuse Appt
January	94	14	4	0	0	1	0	5	5	7
February	62	3	6	0	0	3	0	11	10	6
March	203	6	15	0	0	2	0	12	11	28
April	232	0	12	0	19	2	0	14	14	70
May										
June										
July										
August										
September										
October										
November										
December										
TOTAL	591	23	37	0	19	8	0	42	40	111

YARD TRIMMINGS COLLECTION AND COMPOST PROGRAM REPORT

Yard Trimmings Collection: Year To Date		Residential Tons Collected Curbside	Commercial Tons Received	Other Tons Received (Christmas Trees)	Total Tons This Month	Average Preferred Container Compliance
2011	January	NA	57.2	21.65	78.85	NA
	February	NA	57.1	NA	57.1	NA
	March	337.65	282.1	NA	619.75	99.4%
	April	646.38	370.3	NA	1,016.68	99.3%
	May					
	June					
	July					
	August					
	September					
	October					
	November					
	December					
	2011 TOTAL	984.03	766.7	21.65	1,772.38	99.4%



11th Annual Earth Day Celebration

On Saturday, April 16, 2011, the City's Waste Reduction and Recycling Division hosted the 11th Annual Earth Day Celebration. Events included a parade hosted by KU Environs, a Water Festival, and a Sustainability Trailblazers awards ceremony. The Lawrence Transit System offered free rides all day, providing the experience and benefits of public transportation on all fixed routes.



Parade

The parade began at 11 a.m., and traveled from Watson Park east to Massachusetts Street, then south on Massachusetts Street from 7th to 11th Streets. It was a beautiful day and many people came outside of shops and gathered on street corners to watch and wave as the parade proceeded to the Celebration in South Park. Approximately 450 people from 40 groups participated in the parade.

Celebration

The Celebration began at 11:30 a.m. with the arrival of the parade participants and many parade watchers. South Park activities were for all ages and included live music, informational booths, and food vendors. For the sixth consecutive year, the Celebration featured April Showers to Water Towers: a Water Festival for Douglas County with activities focused on water quality and pollution prevention organized by the City's Stormwater Division.

There were 70 informational tables at the Celebration, with topics ranging from native plant education to electronics recycling to wetland preservation, as well as a caricature artist. The City's Parks and Recreation Department led participants on South Park tree identification tours and city garden strolls throughout the afternoon. All activities were free and open to the public. An estimated 1,200 people passed through the celebration throughout the afternoon. KLZR provided music and a live remote from 10:30 a.m. to 12:30 p.m. At 1 p.m. Mayor Aron Cromwell and Eileen Horn, the County/City Sustainability Coordinator, presented local businesses with Sustainability Trailblazer award honors. Live music performances by *Jazz Cigarettes*, and *Byron James and Friends*, began at 2 p.m. and kept the crowd entertained until the Celebration ended at 4 p.m. Food vendors were a great benefit to the Celebration and included Crazy 8 Concessions and Taco's 4 U.

Two other environmental events joined in the Celebration at South Park: Animal Outreach of Kansas hosted their "Great American Meat-Out" vegan cook-out and "Read Out, Speak Out, Sing Out, Dance Out, Act Out for Earthcare" took place from 9 a.m. to 4 p.m. Both were well attended and enjoyed.



Left: Members of the University of Kansas student group, KU Environs, who organized the Earth Day Parade, lead participants down Massachusetts Street. **Right:** A plastic bag dragon created by The Community Mercantile makes its way down Massachusetts Street.



Left: Mark Graves, City's Parks & Recreation Department Senior Arborist, distributes trees to citizens after a South Park tree identification tour. **Right:** Celebration attendees decorate reusable shopping bags at The Community Mercantile table.



Left: Volunteers for Lawrence Complete Streets provide bike valet service to Celebration attendees while they visit other exhibits. **Right:** Animal Outreach of Kansas provides free vegan food at the Earth Day Celebration.



Left: Presenter entertains crowd at the Oread Friends Meeting's "Read Out, Speak Out, Sing Out, Dance Out, Act Out for Earthcare." **Right:** Participants of the Water Festival learn about water safety from an Otter near the U.S. Coast Guard Auxiliary table.



Left: Children decorate their own cardboard bird house at the Jayhawk Audubon Society table. **Right:** Caricaturist John Rasmussen draws a crowd as well.



Left: The band Jazz Cigarettes performs. **Right:** Mayor Aron Cromwell, Eileen Horn, the County/City Sustainability Coordinator, and Jonathan Kealing from The World Company announce the winners of the 2011 Sustainability Trailblazer awards.