

**KANSAS IMPLEMENTATION
PLAN REVISION – KCMA
OZONE MAINTENANCE PLAN,
2007**

APPENDIX K

Johnson County, Kansas	The Johnson County Government has purchased 20 hybrid vehicles for their fleet.
	Johnson County Environmental staff conducted multiple gas cap pressure testing programs that checked a total of 1,100 vehicles.
	The Johnson County Public Works Department installed four public access E-85 blend fueling stations which were funded with State of Kansas CMAQ funds.
	The Johnson County Public Works Department installed stage II vapor recovery systems at 3 county fueling stations.
	The Johnson County Environmental Program distributed 22 no-spill gas cans at public outreach events (147 pounds of VOC reduced).
	The Johnson County Environmental Program distributed 22 charcoal chimneys at public outreach events (1,100 pounds of VOC reduced).
	Johnson County Environmental staff distributed 75 ozone awareness posters.
	Johnson County offices participated in the Air Quality Workplace Initiative which provides employees with ozone alerts, ozone reduction tips, and materials to display in the workplace.
	Johnson County developed ozone alerts for inclusion on the JoCo Link software. The program sent ozone alerts to 25,000 people in 2006.
Unified Government of Wyandotte County/Kansas City, Kansas	Unified Government vehicles receive tune-ups prior to ozone season, proper tire inflation is used, vehicles are not fueled during the hot part of the day, and topping off gas tanks is discouraged.
	The Unified Government Department of Air Quality staff held five different events during the Summer/Fall of 2006 and administered 85 gas cap tests to both public and county vehicles.
	Native plantings were completed at the Environmental Services Building, and Department of Air Quality Staff worked with the Parks and Recreation Department to facilitate plantings throughout Unified Government landscaping.
	The Unified Government has a partnership with a local wood chipper. In 2006, the Department of Air Quality scheduled free woody debris dumping days in the spring and fall. A total of 1.48 cubic yards were chipped, preventing the release of 419 pounds of particulate matter.
	The Unified Government participates in the Air Quality Workplace initiative. To educate employees, bulletin boards display ozone information and tips to supplement the Ozone Alerts received by email.
	The Unified Government Environmental Department held ozone outreach events at which 144 charcoal chimneys were distributed and 10 gallons of lighter fluid was collected, resulting in 531 pounds of reduced VOCs.
	No spill gas cans were given to 153 individuals at public events sponsored by the Unified Government Department of Air Quality, and 731,000 flyers were also distributed.
	The Unified Government is working with school districts in Kansas City on anti-idle policies and Ozone Alerts are faxed to the schools. The UG is also working on a municipal wide idling policy based on the EPA model.
Kansas Department of Health & Environment	KDHE has met and corresponded with representatives of the railroad industry toward reaching agreements with emissions reductions. No agreements have been signed, but a commitment has been made by one railroad to install idling reduction technology on engines in the Kansas City, Kansas switchyards.
	KDHE has developed and purchased outreach items including seed packets, gas cans, posters, and related items. Contacts have been made with potential business community partners for additional support. Two lawn and garden workshops were held in Johnson County to educate commercial

	<p>lawn mowing firms regarding best management practices and equipment purchases. BAR staff are working with Johnson County extension staff and public interest groups to reach the public at events in 2007.</p> <p>Bureau of Air and Radiation staff have been working for four years with the Kansas agricultural community to identify best management practices to be implemented in the Flint Hills area to reduce and/or spread out over time the emissions that result from the annual burning of the tall grass prairie. The Department is currently working on an agreement that would formalize the commitment of all parties to achieve this common goal.</p> <p>BAR staff is working on idle reduction outreach and policy development including an idle reduction workshop for the Kansas City trucking industry on May 5, 2007. Staff has developed a model ordinance that could be implemented in the event that the contingency measures are triggered.</p> <p>The Small Business Environmental Assistance Program hosted 7 air quality workshops on such topics as clean air lawn care, painting, printing, Air Quality 101 and 102.</p> <p>Staff is working with the Kansas City Chamber of Commerce to publish articles highlighting ozone issues in Kansas City. Several articles will appear in both the Greater Kansas City Business newsletter and in the monthly html newsletter Your Chamber @ Work.</p>
Mid-America Regional Council	<p>The Rideshare program is a free, publicly funded commuter service that assist employers with transportation programs and helps individuals find riding opportunities. The program has 1,300 registered commuters that carpool instead of driving single occupant vehicles.</p>
	<p>Four organizations are coordinating long-term planning for Smart Moves, a comprehensive transit improvement plan that connects services throughout seven counties. Smart Moves offers high-technology buses, new freeway express services, expanded local services and more specialized transportation for the elderly and disabled.</p>
	<p>MARC has received CMAQ and EPA grant funding for future retrofit projects. The Adopt a Bus program will secure additional funding. The funding could retrofit a maximum of 1,137 buses; however, time constraints may only allow 400 to be completed in 2007.</p>
	<p>The Air Quality Workplace Initiative is reducing air pollution through employee education and incorporation of air quality strategies into workplace practices. There are 82 workplaces participating including government offices, private businesses, school districts, and non-profit organizations.</p>
	<p>The Air Quality Forum continues to conduct long-term planning efforts to reduce ozone in Kansas City. The forum reviews regional air quality issues and makes policy recommendations to the MARC Board of Directors and the states of Kansas and Missouri.</p>
	<p>The Creating Quality Places program promotes smart growth in Kansas City by providing elected officials, planners, private developers, and builders with a variety of resource information such as case studies documenting local and national project examples, model ordinances, design standards, and financing mechanisms.</p>
	<p>MARC promotes green space conservation through support of MetroGreen, a planned, managed, and interconnected network of natural areas.</p>
Olathe, Kansas	<p>All heavy duty city vehicles in Olathe use a B-20 diesel blend available at city fueling stations.</p>
	<p>CMAQ funds will be used to retrofit approximately 74 diesel vehicles including municipal garbage trucks in 2007.</p>
	<p>Older vehicles in the city fleet are being replaced with hybrids or lower emissions vehicles. Three hybrids have been purchased to date.</p>

	The City of Olathe replaced their solvent-based parts washing system with an enzyme based system.
	Select areas within the city parks are being converted to native grass to reduce mowing and watering.
Overland Park, Kansas	Overland Park's project to replace all of the city's traffic lights with LED fixtures was 90% complete as of November 2006.
	Between 300-1,000 trees are planted each year. Overland Park has been designated as a "Green City" by the National Arbor Day Foundation for more than 23 years.
	Overland Park grounds keeping staff alters its mowing schedule on high ozone days.
	The City of Overland Park publicizes the daily Skycast with employees and urges employees to adjust their activities on high ozone days.
	Public outreach efforts are achieved through the city newsletter which highlights the importance of energy efficiency, winterizing homes, and using compact fluorescent bulbs.
Kansas City Power & Light	KCP&L began construction of a selective catalytic reduction (SCR) system at the La Cygne Unit 1 power plant in 2006. SCR will reduce NOx from the La Cygne plant by 50 tons per day.
Deluxe Financial Industries	Deluxe has eliminated isopropyl alcohol (IPA) from printing operations.
	The company ensures that chemicals and other wastes are recycled.
Car Star	Car star provides training to painting personnel to reduce VOC emissions.