

Bi State Region Clean Air Partnership Checklist & Pledge

The Bi-State Region Clean Air Partnership supports and promotes cleaner air by seeking out and implementing cost effective solutions that benefit cleaner air- fuel efficiency, cleaner fuels/vehicles, alternative transportation, trip reduction, environmentally friendly purchasing, alternative energy, and energy efficiency and conservation. Each voluntary commitment reduces ground level ozone and particulate matter regionally and contributes to cleaner air globally.

To become a member of the Bi-State Region Clean Air Partnership, fill out the checklist below and return with your signed pledge to the Bi-State Regional Commission. It is expected that all of the suggestions in the checklist will not be possible by every partner, but any improvements from "business as usual" will help foster a cleaner environment in the Bi-State Region. Try to find at least one activity in each category that is not a current practice to pledge to implement. Recognition of existing best practices will also be important for partners who proactively have taken a "green leadership" role in our region. Members will be featured on the partnership website, which will also offer resources to members for improving air quality. Periodic inventories will check the progress of members and outstanding organizations will be recognized. Remember... "it all adds up to cleaner air"...what you do today and choose to implement tomorrow.

Transportation

Transportation is by far the leading cause of air pollution in the bi-state region. From personal cars to freight, the numerous vehicles operating in the region significantly add to air pollution, especially ground level ozone and particulate matter. By reducing the number of trips, choosing alternative transportation and investing in more fuel efficient vehicles and less-polluting fuels, we can all have a positive impact on air quality.

FLEET MANAGEMENT

Current	Will	
Practice	Implement	
W/		Choose lower emission vehicles, hybrid electrics or vehicles that use alternative fuels (E85, Biodiesel, Compressed Natural Gas, etc)
	V	Maintain all fleet vehicles. Tunc up your vehicle every 5,000-10,000 miles, adjust brakes and check tire pressure regularly.
		Retrofit diesel engines
		Refuel vehicles in the early morning or in the evening to reduce the chance of ground-level ozone formation. This occurs when the volatile organic compounds (VOCs) in the gasoline react with sunlight.
	A	Practice "Right Size Vehicle" policy
		Avoid quick starts, excessive idling and maintain a constant speed over the course of a trip
	M	Implement anti-idling policy

COMMUTING

Current Practice	Will Implement	
Y		Provide and encourage employees to use Direct Deposit
	4	Offer telecommuting and teleconferencing
v	a	Implement e-commerce/ e-governments by increasing the amount of business accomplished online (online forms, purchasing, etc)
		Offer a compressed work week or a flex-work schedule
		Schedule meetings and deliveries during non-peak hours (10AM- 2:30PM)
	M	Encourage carpooling by offering preferential parking and guaranteed ride home
		Implement parking pricing
		Offer transit pass subsidies (e.g. Implement commuter tax benefit for mass transit subsidies)
	ď	Encourage biking or walking to work by providing showers and secure bike racks
		Encourage employees to bring a brown bag lunch
	M	Offer employee education on Smart Driving techniques

Energy and Emissions Reductions

With heavy reliance on coal-powered electricity, it is especially important for those of us in the Midwest to associate energy usage with air quality deterioration. Although the pollution from power

plants is not readily visible when you turn on a light or plug in electronics, it is easy to avoid with simple, cost-effective measures. An inventory can help you better understand the impact of these activities on air quality and suggest ways to increase energy efficiency and save money.

ENERGY

Current Practice	Will Implement	Conduct energy/lighting audits and implement energy management programs
	M	Use LED outdoor lighting. Governments can implement LED traffic lights
S		Incorporate natural lighting into the building environment
		Turn off lights in empty rooms and replace incandescent bulbs with fluorescent light bulbs
	M	Use Energy Star and energy efficient equipment
		Set thermostat 2° warmer in the summer and 2° cooler in the winter. Use a timer to turn down the heat/air conditioning in the evenings and on weekends.
	M	Use low energy mode or shut off electronics when not in use
	\(\sigma\)	Invest in alternative energy or implement building-level alternative energy (e.g. solar, wind or geothermal)

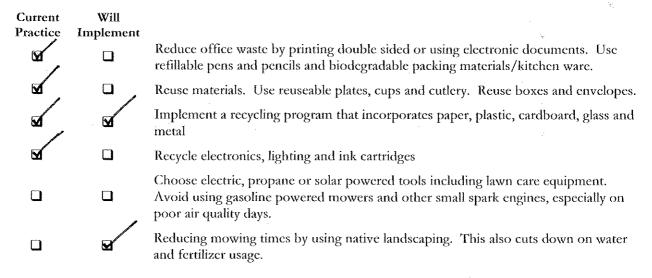
EMISSIONS REDUCTIONS

Current Practice	Will Implement	
		Conduct emissions inventories and set goals to reduce emissions
		Create an emissions reductions plan
		Enroll in an offsetting program

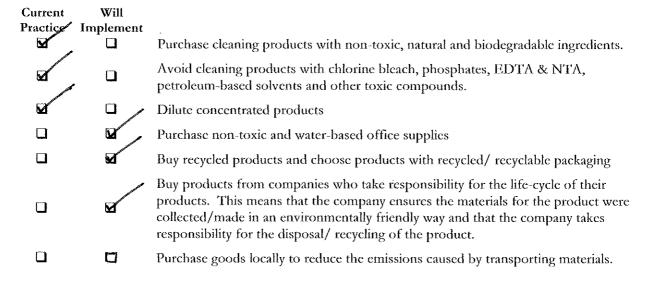
Operations and Maintenance

Although transportation and energy are in the forefront of air pollution issues, there are many day-to-day activities associated with operation and maintenance of an organization that can have an impact on air quality. From reducing waste, to purchasing locally, to conserving resources... "It all adds up to cleaner air".

LESSEN WASTE



ENVIRONMENTALLY FRIENDLY PURCHASING



MAINTENANCE EMISSIONS

Current	Will	
Practico	Implement	
		Use low or no VOCs paints, sealers, solvents and glues
		Store solvents in air tight containers
	. 🖸	Dispose of hazardous materials properly
¥		Avoid over-filling gasoline equipment or tanks.
		Replace small-spark engine equipment with models made with emission controls (after 2007)- (e.g. lawn-mowers, leaf-blowers, chain-saws,etc.)

Particulate Matter (PM2.5)

Particulate matter smaller than 2.5 microns (or PM2.5) is of particular concern in the Bi-State Region as federal standards have tightened and we inch closer and closer to non-attainment. High levels of PM2.5 are not only bad for the environment and human health, but can also have economic impacts. A non-attainment designation may mean more regulations, fewer road projects and loss of economic development opportunities to areas in attainment. The largest source of PM2.5 in the region is from vehicles. Again, by reducing the number of trips, choosing alternative transportation and investing in more fuel efficient vehicles and less-polluting fuels, we can increase the physical and economic health of our communities.

REDUCING PM2.5 EMISSIONS

Current Practice	Will Implement	
	Q	Use and advocate alternative transportation. Any decrease in the number of vehicles, decreases particulate matter emissions.
	- /	Retrofit wood burning and soot producing stoves and heaters
		Reduce energy usage.

Pledge

I, the undersigned representative, pledge my organization to contribute to cleaner air in the Bi-State region.	he
	V.
Signature	
Printed Name: Jim Hancock	
Organization Name: Scott County	
Address: 600 W. 4th St.	
Phone: 563-326-8611 Fax: 563.328-3285	
Email: ilaacack @ ecatterations com	

THE COUNTY AUDITOR'S SIGNATURE	CERTIFIES
THAT THIS RESOLUTION HAS BEEN FO	DRMALLY
APPROVED BY THE BOARD OF SUPERV	ISORS ON

DATE

SCOTT COUNTY AUDITOR

RESOLUTION

SCOTT COUNTY BOARD OF SUPERVISORS

October 29, 2009

A RESOLUTION APPROVING THE SUBMISSION OF THE BI STATE REGION CLEAN AIR PARTNERSHIP CHECKLIST AND PLEDGE.

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

- Section 1. That the Bi-State Region Clean Air Partnership Checklist and Pledge document as previously discussed and reviewed is hereby approved for submission and signature by the Board Chairman.
- Section 2. This resolution shall take effect immediately.

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